

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040380.D
 Acq On : 5 Apr 2019 17:05
 Operator : JU/SJ
 Sample : PB118645BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Quant Time: Apr 05 23:37:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	90325	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	365106	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	226746	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	548101	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	598787	20.00	ng	-0.03
87) Perylene-d12	24.97	264	580402	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	422563	77.77	ng	-0.02
7) Phenol-d6	7.21	99	594686	79.20	ng	-0.02
23) Nitrobenzene-d5	9.23	82	552541	80.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	226450	92.41	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1204461	78.71	ng	-0.02
79) Terphenyl-d14	20.03	244	1980498	74.41	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	96344	37.710	ng	99
3) Pyridine	3.90	79	263470	38.302	ng	99
4) n-Nitrosodimethylamine	3.83	42	120642	37.915	ng	# 90
6) Aniline	7.38	93	378434	38.791	ng	99
8) 2-Chlorophenol	7.61	128	248255	39.032	ng	97
9) Benzaldehyde	7.19	77	146002	28.346	ng	97
10) Phenol	7.23	94	333864	40.963	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	255014	39.065	ng	99
12) 1,3-Dichlorobenzene	7.93	146	273103	39.500	ng	94
13) 1,4-Dichlorobenzene	8.08	146	272899	39.630	ng	99
14) 1,2-Dichlorobenzene	8.40	146	258879	39.312	ng	97
15) Benzyl Alcohol	8.29	79	231536	38.287	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	471573	37.640	ng	99
17) 2-Methylphenol	8.49	107	224390	39.786	ng	97
18) Hexachloroethane	9.13	117	102929	39.295	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	201578	37.442	ng	97
20) 3+4-Methylphenols	8.82	107	313444	41.025	ng	98
22) Acetophenone	8.88	105	392828	43.132	ng	# 95
24) Nitrobenzene	9.27	77	296391	41.669	ng	98
25) Isophorone	9.78	82	575047	40.687	ng	96
26) 2-Nitrophenol	9.97	139	146946	43.599	ng	98
27) 2,4-Dimethylphenol	10.02	122	234586	43.818	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	338826	40.522	ng	98
29) 2,4-Dichlorophenol	10.51	162	257153	44.253	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	274573	43.032	ng	98
31) Naphthalene	10.91	128	793165	42.383	ng	99
32) Benzoic acid	10.18	122	133500	41.272	ng	92
33) 4-Chloroaniline	11.02	127	345110	43.232	ng	99
34) Hexachlorobutadiene	11.17	225	169289	41.484	ng	92
35) Caprolactam	11.83	113	65424	28.371	ng	99
36) 4-Chloro-3-methylphenol	12.14	107	289136	43.281	ng	98
37) 2-Methylnaphthalene	12.51	142	590711	42.679	ng	98
38) 1-Methylnaphthalene	12.73	142	559947	41.720	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	300103	41.642	ng	99

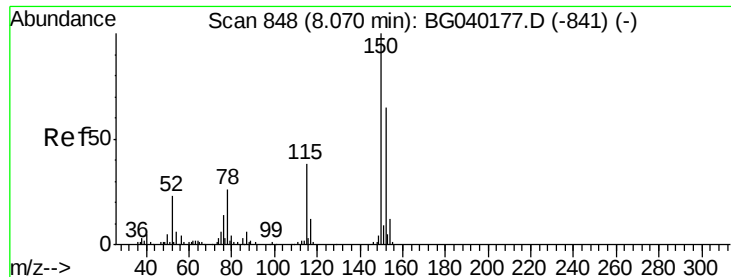
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	331733	83.833	ng	94
43) 2,4,6-Trichlorophenol	13.11	196	205839	44.300	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	227013	44.824	ng	98
46) 1,1'-Biphenyl	13.51	154	739461	41.274	ng	100
47) 2-Chloronaphthalene	13.56	162	577523	42.024	ng	98
48) 2-Nitroaniline	13.77	65	199446	43.026	ng	97
49) Acenaphthylene	14.40	152	926879	39.780	ng	98
50) Dimethylphthalate	14.13	163	732601	41.283	ng	100
51) 2,6-Dinitrotoluene	14.26	165	174642	43.829	ng	97
52) Acenaphthene	14.74	154	558815	41.854	ng	96
53) 3-Nitroaniline	14.60	138	181909	43.128	ng	91
54) 2,4-Dinitrophenol	14.80	184	205433	96.943	ng	95
55) Dibenzofuran	15.08	168	905602	42.212	ng	100
56) 4-Nitrophenol	14.90	139	297552	87.408	ng	98
57) 2,4-Dinitrotoluene	15.05	165	247592	44.719	ng	# 97
58) Fluorene	15.73	166	701586	41.594	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	201974	43.948	ng	100
60) Diethylphthalate	15.48	149	761189	41.917	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	384650	42.662	ng	98
62) 4-Nitroaniline	15.77	138	203475	44.952	ng	99
63) Azobenzene	16.00	77	710131	41.458	ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	155749	50.579	ng	99
66) n-Nitrosodiphenylamine	15.93	169	661733	41.258	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	255252	41.383	ng	97
68) Hexachlorobenzene	16.72	284	262030	42.251	ng	96
69) Atrazine	16.87	200	211712	35.484	ng	98
70) Pentachlorophenol	17.07	266	287710	80.244	ng	94
71) Phenanthrene	17.47	178	1188479	41.254	ng	99
72) Anthracene	17.56	178	1212018	42.032	ng	98
73) Carbazole	17.83	167	1167026	42.764	ng	99
74) Di-n-butylphthalate	18.36	149	1343285	41.526	ng	99
75) Fluoranthene	19.47	202	1501790	44.023	ng	98
77) Benzidine	19.66	184	919259	42.513	ng	99
78) Pyrene	19.84	202	1489505	37.827	ng	96
80) Butylbenzylphthalate	20.70	149	693041	41.130	ng	97
81) Benzo(a)anthracene	21.68	228	1498142	40.620	ng	96
82) 3,3'-Dichlorobenzidine	21.59	252	579596	41.311	ng	99
83) Chrysene	21.75	228	1412952	39.862	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	972751	40.386	ng	99
85) Di-n-octyl phthalate	22.76	149	1693944	41.278	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1831220	42.240	ng	# 92
88) Benzo(b)fluoranthene	23.93	252	1571546	44.226	ng	97
89) Benzo(k)fluoranthene	24.00	252	1511720	46.261	ng	98
90) Benzo(a)pyrene	24.83	252	1559140	46.764	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1490641	48.139	ng	98
92) Benzo(g,h,i)perylene	29.93	276	1539246	48.369	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

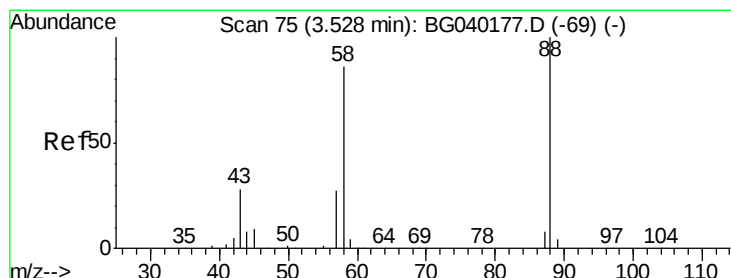
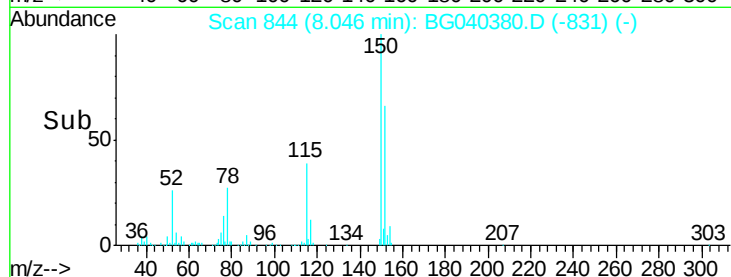
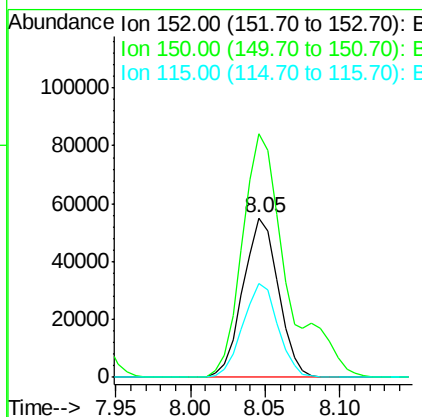
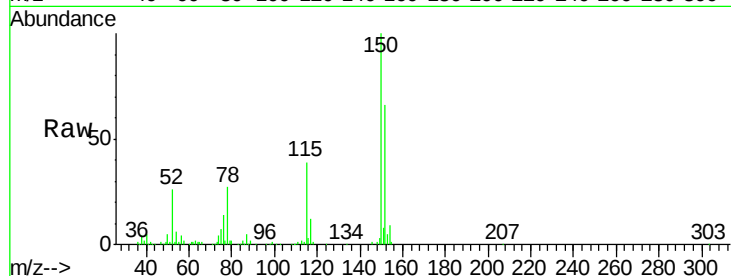


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

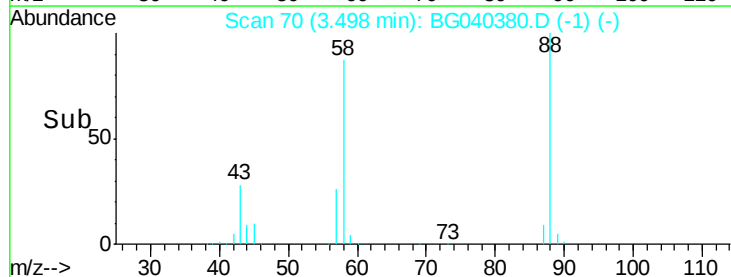
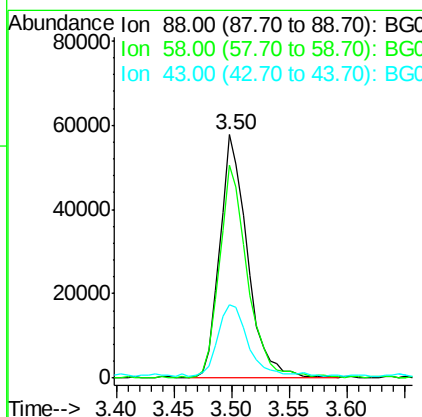
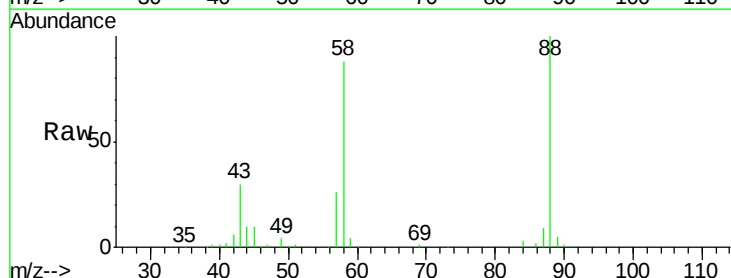
Tot Ion:152 Resp: 90325
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 59.2 46.9 70.3

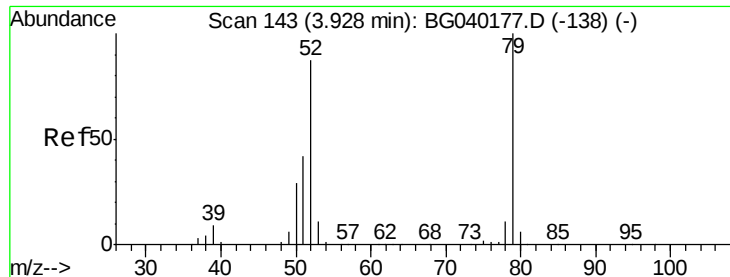


#2

1,4-Dioxane
Concen: 37.710 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion: 88 Resp: 96344
Ion Ratio Lower Upper
88 100
58 89.2 70.6 106.0
43 31.8 24.8 37.2





#3

Pvridine

Concen: 38.302 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

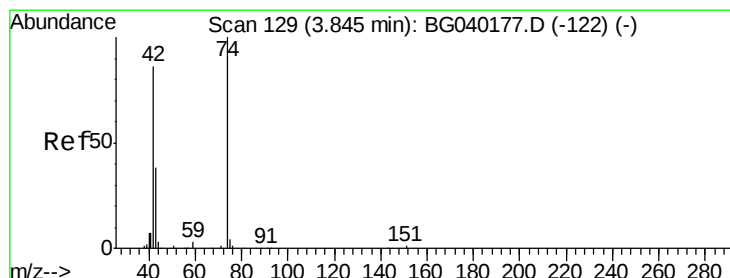
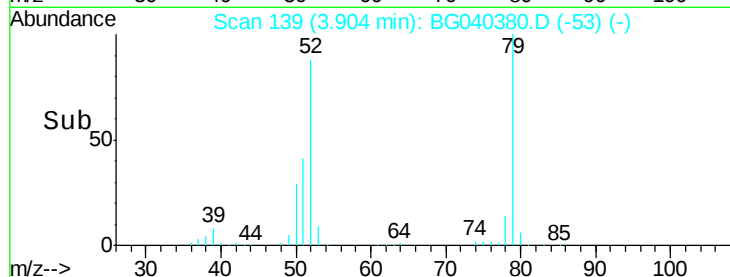
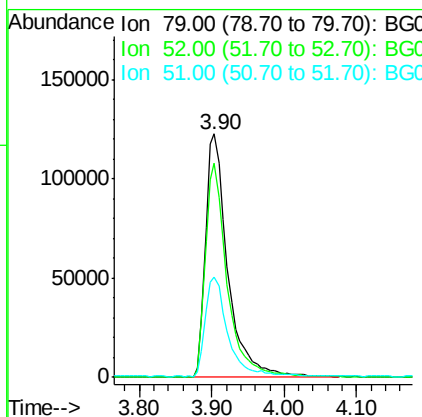
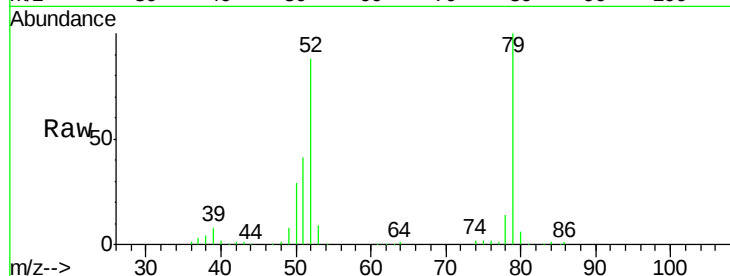
Tot Ion: 79 Resp: 263470

Ion Ratio Lower Upper

79 100

52 88.1 69.8 104.8

51 41.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.915 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

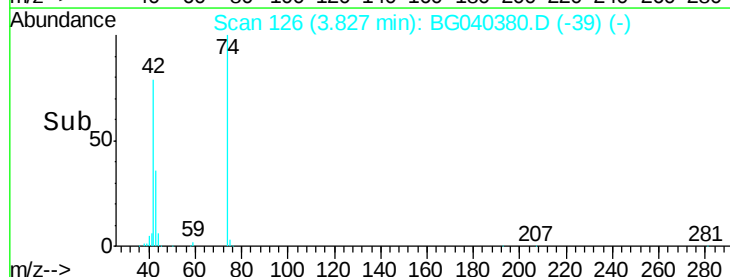
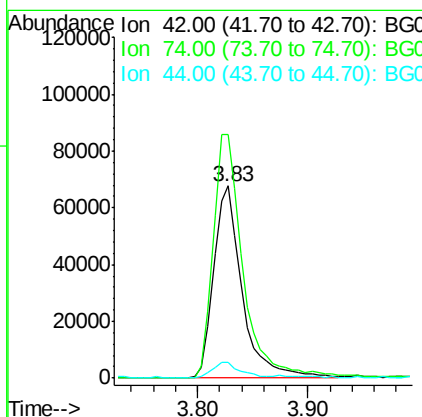
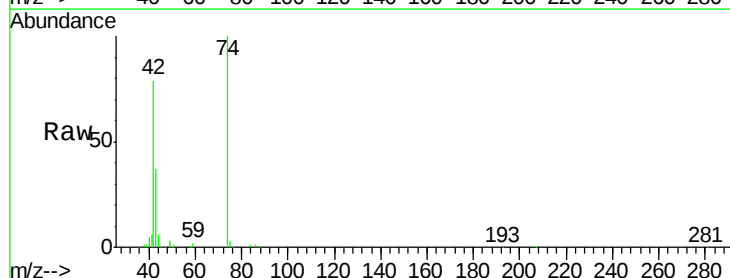
Tgt Ion: 42 Resp: 120642

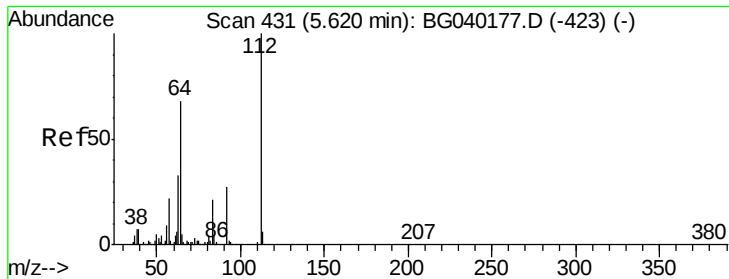
Ion Ratio Lower Upper

42 100

74 126.6 92.9 139.3

44 7.9 9.7 14.5#





#5

2-Fluorophenol

Concen: 77.772 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

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ClientSampleId :

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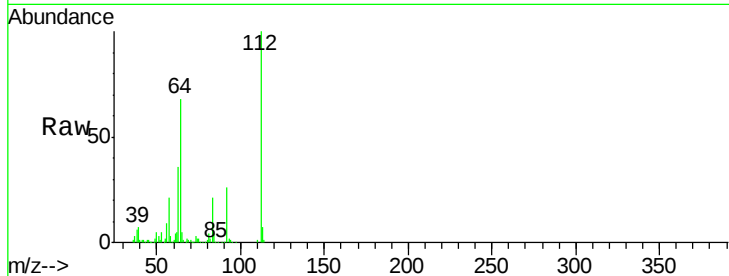
Tot Ion:112 Resp: 422563

Ion Ratio Lower Upper

112 100

64 68.4 54.2 81.2

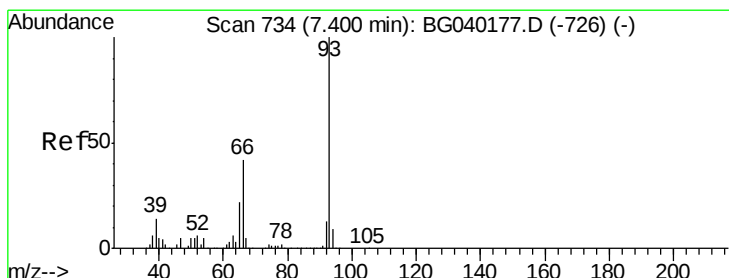
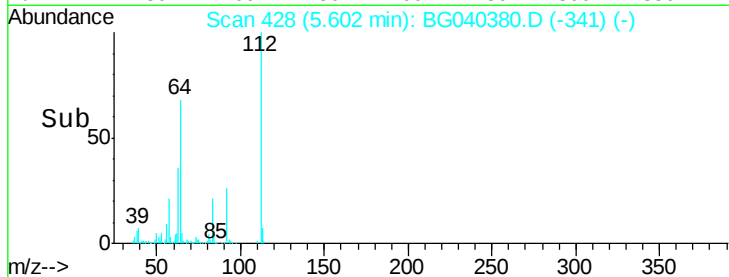
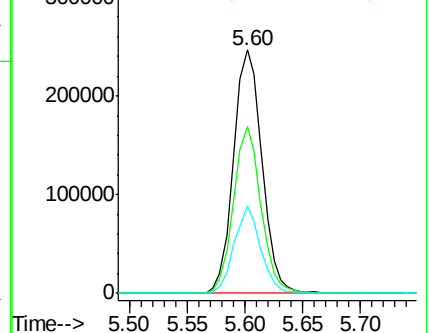
63 35.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.791 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

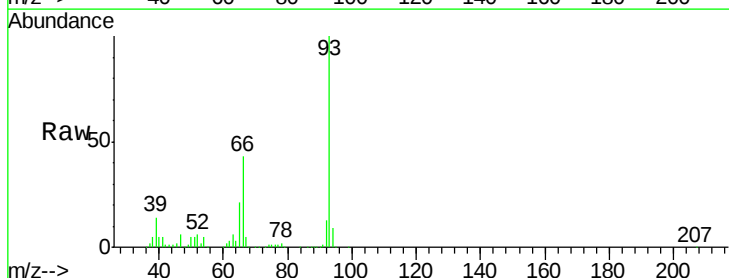
Tgt Ion: 93 Resp: 378434

Ion Ratio Lower Upper

93 100

66 42.6 33.6 50.4

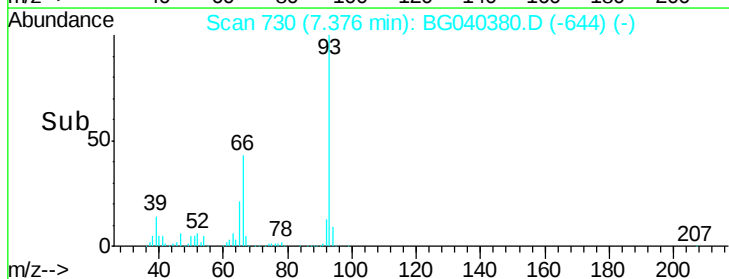
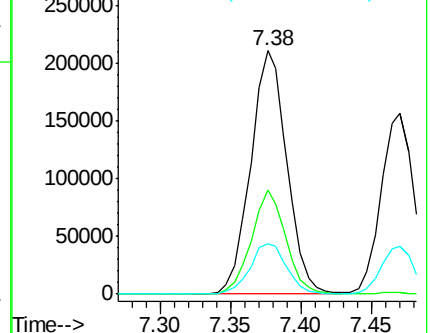
65 20.9 17.4 26.2

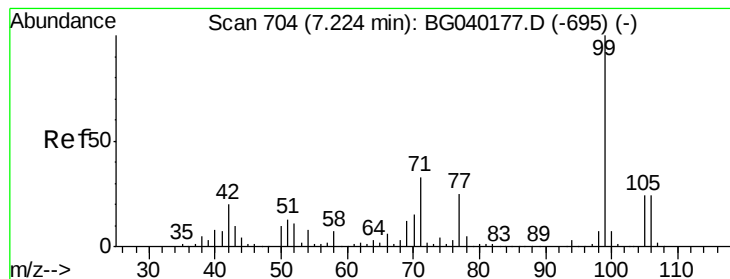


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.196 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

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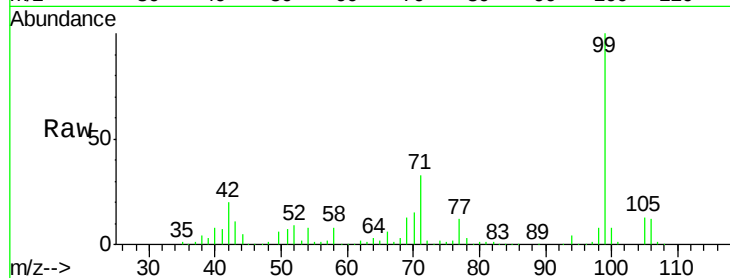
Tot Ion: 99 Resp: 594686

Ion Ratio Lower Upper

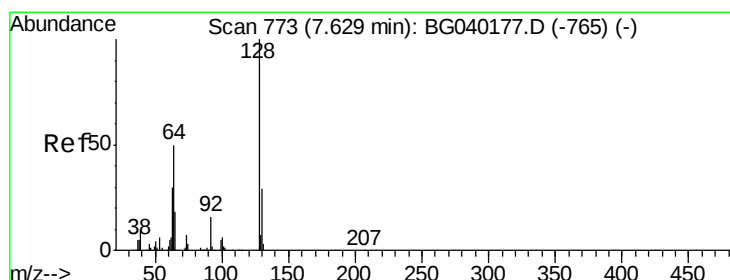
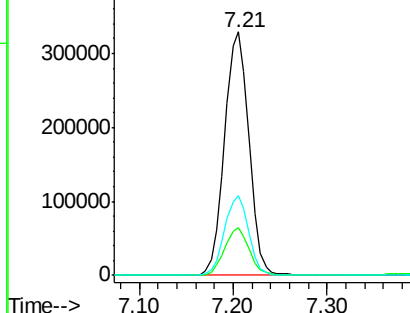
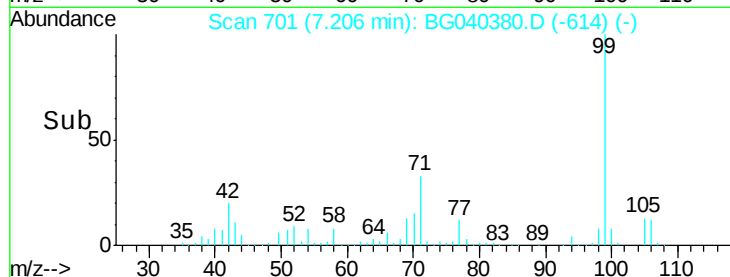
99 100

42 19.8 16.2 24.2

71 32.7 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.032 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

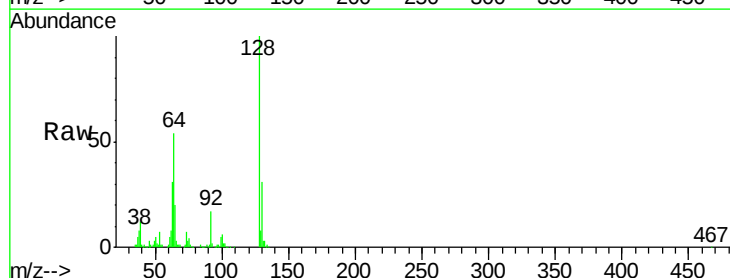
Tgt Ion: 128 Resp: 248255

Ion Ratio Lower Upper

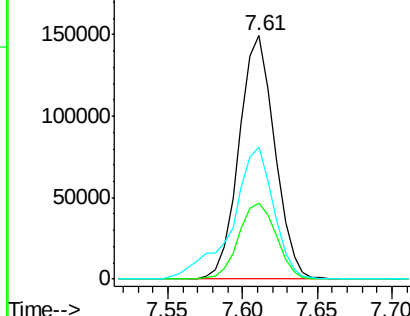
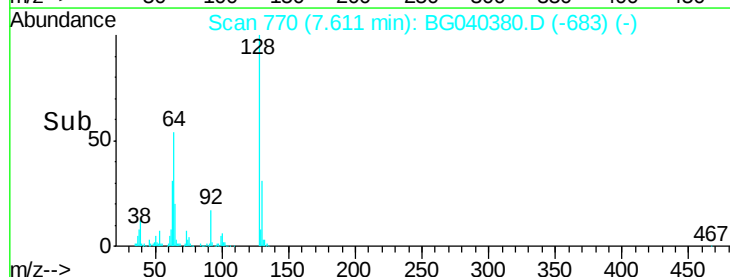
128 100

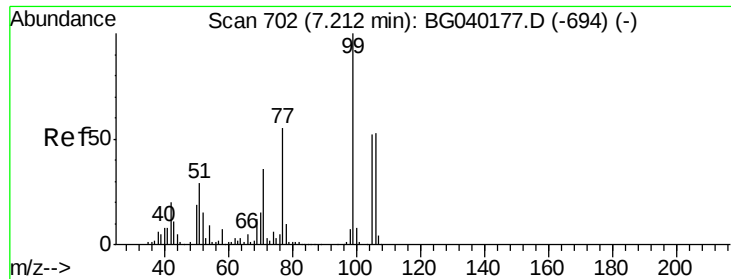
130 31.3 9.1 49.1

64 54.5 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.346 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

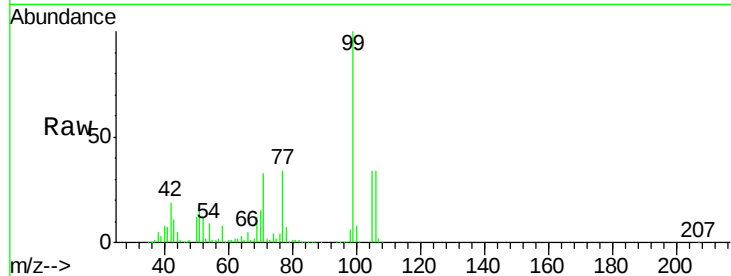
Tot Ion: 77 Resp: 146002

Ion Ratio Lower Upper

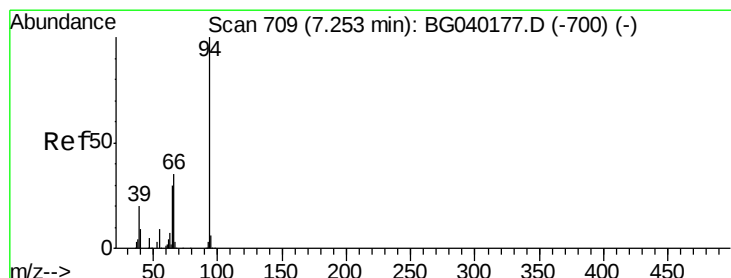
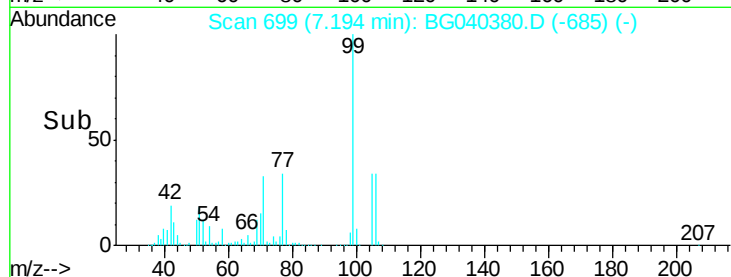
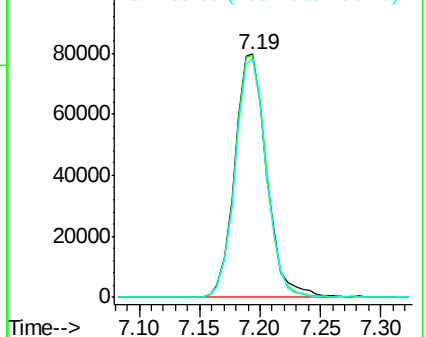
77 100

105 99.4 75.0 115.0

106 98.0 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.963 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

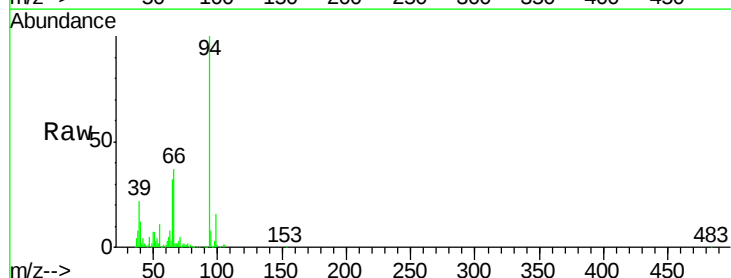
Tgt Ion: 94 Resp: 333864

Ion Ratio Lower Upper

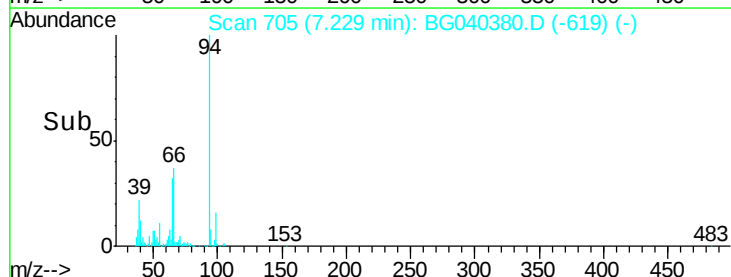
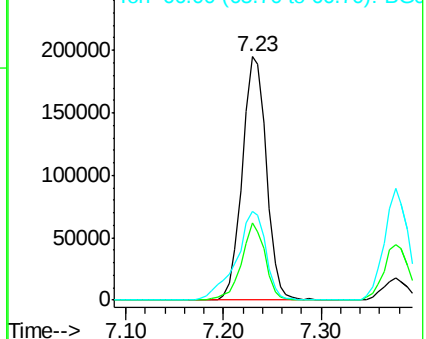
94 100

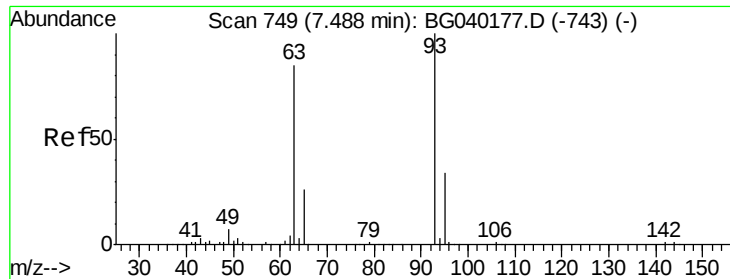
65 31.7 10.5 50.5

66 36.6 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

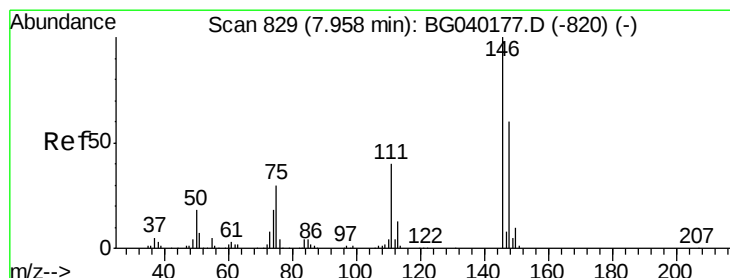
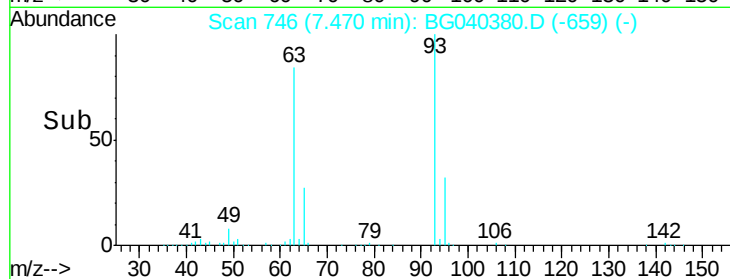
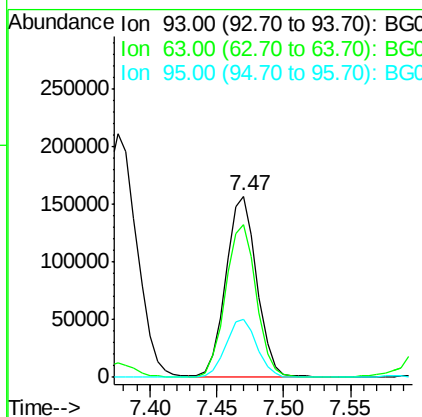
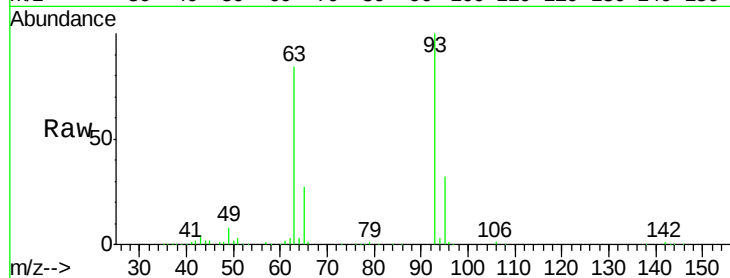




#11
 bis(2-Chloroethyl)ether
 Concen: 39.065 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

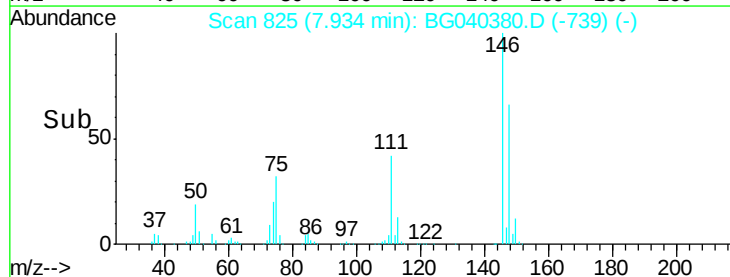
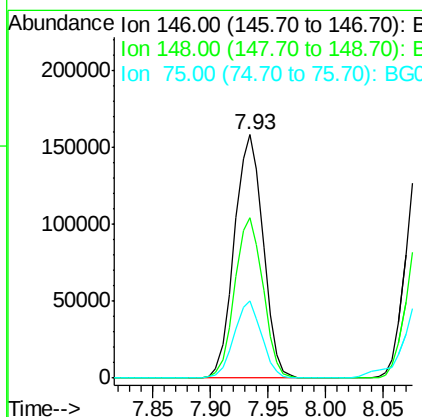
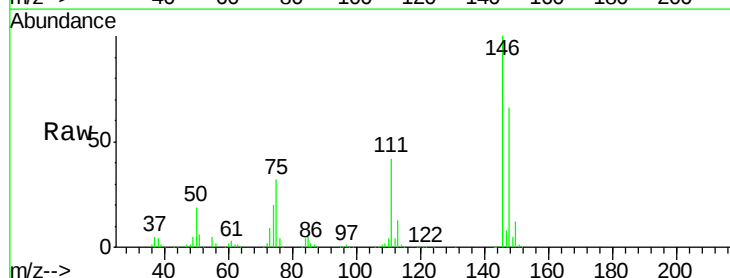
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

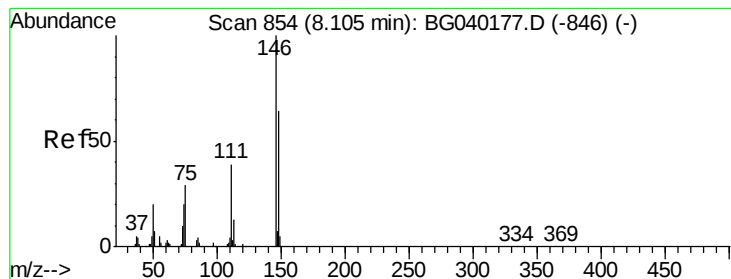
Tot Ion: 93 Resp: 255014
 Ion Ratio Lower Upper
 93 100
 63 84.2 64.2 104.2
 95 32.4 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.500 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion: 146 Resp: 273103
 Ion Ratio Lower Upper
 146 100
 148 66.1 48.2 72.2
 75 31.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.630 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

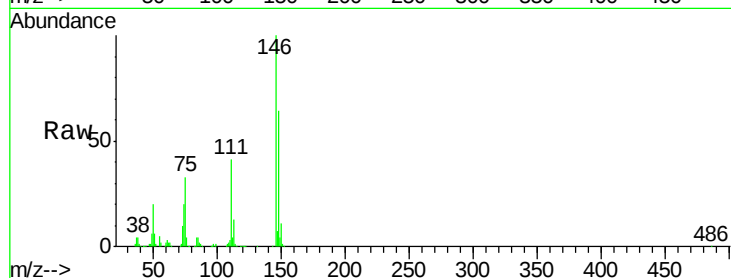
Tot Ion:146 Resp: 272899

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

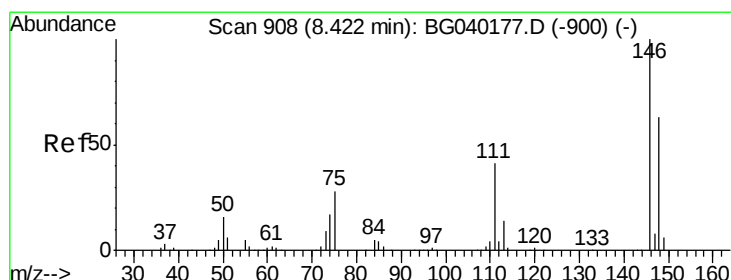
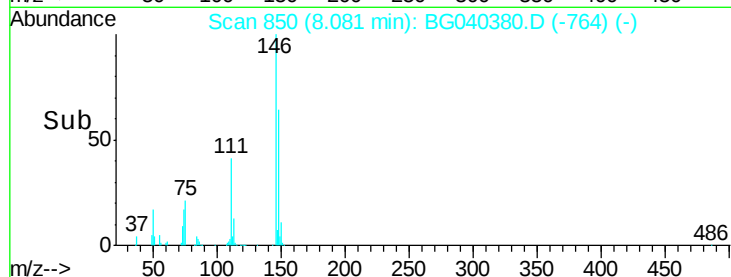
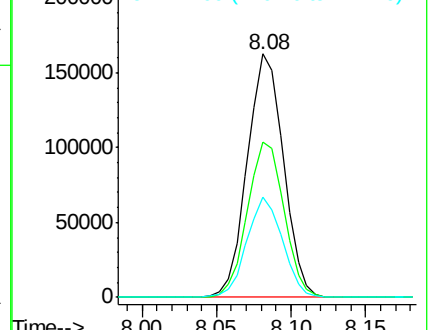
111 41.0 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.312 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

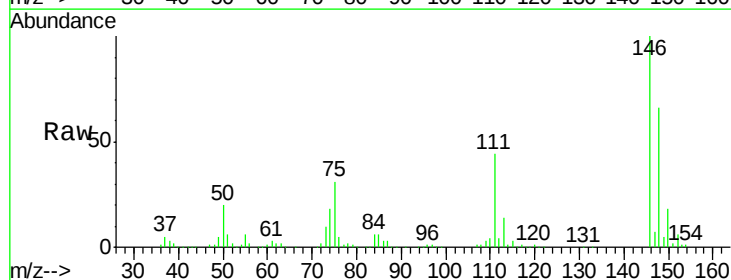
Tgt Ion:146 Resp: 258879

Ion Ratio Lower Upper

146 100

148 65.8 50.8 76.2

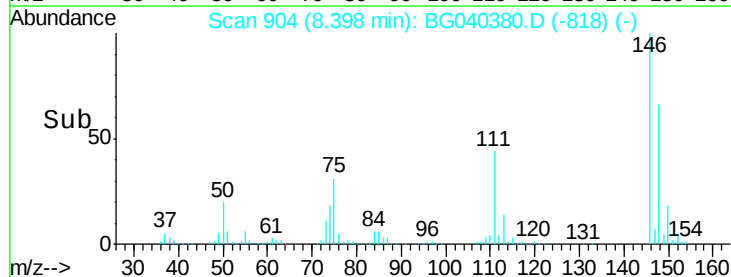
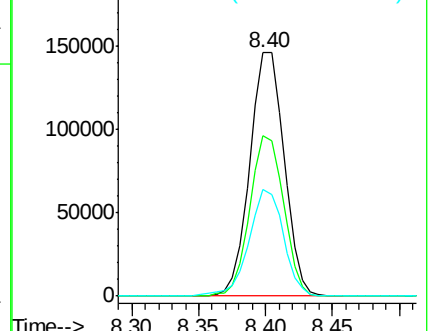
111 43.7 33.4 50.0

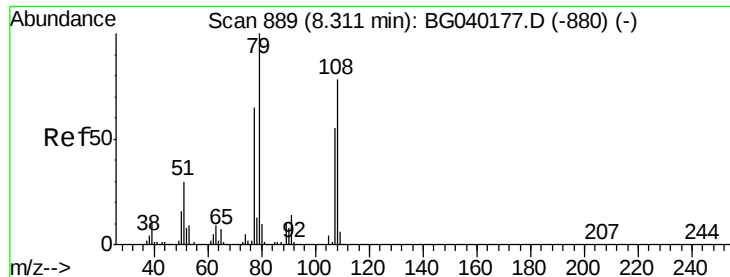


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.287 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

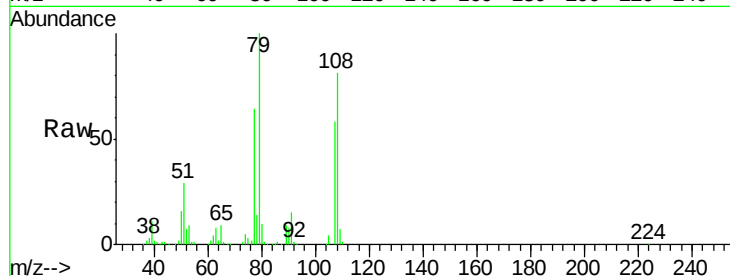
Tot Ion: 79 Resp: 231536

Ion Ratio Lower Upper

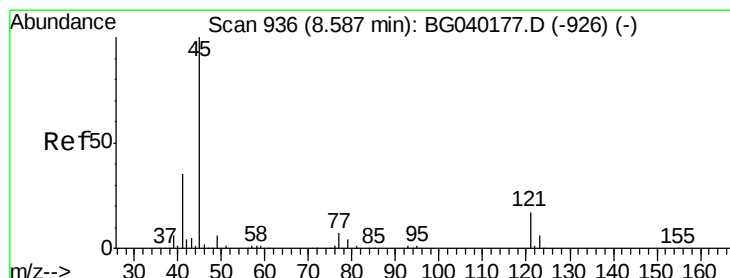
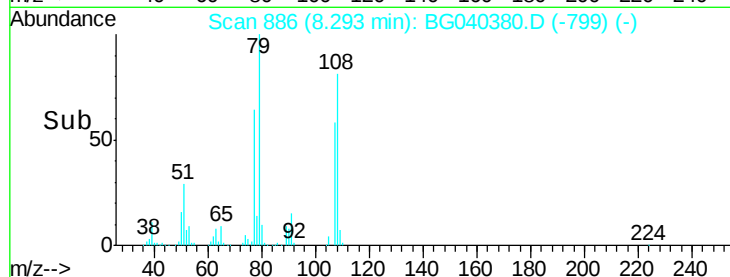
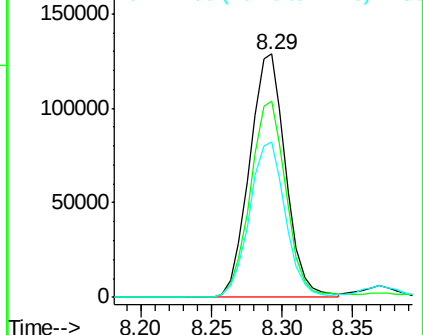
79 100

108 80.7 62.1 93.1

77 63.7 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.640 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

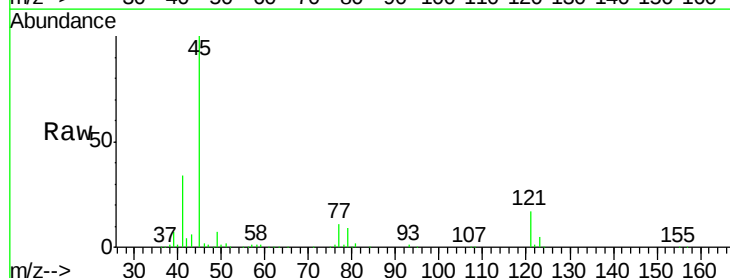
Tgt Ion: 45 Resp: 471573

Ion Ratio Lower Upper

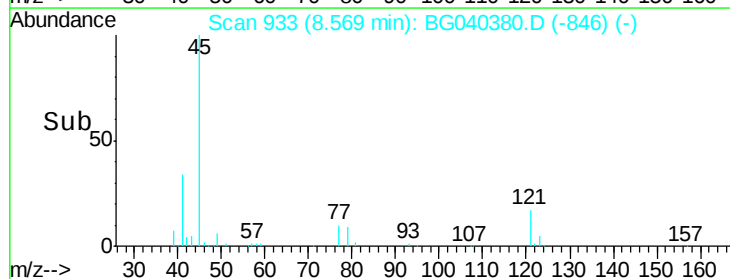
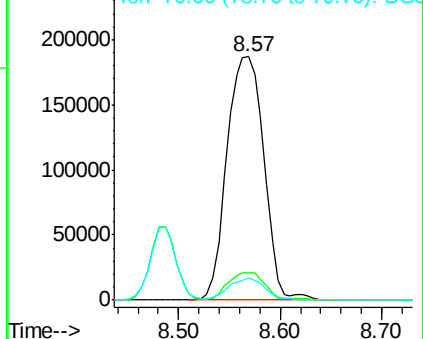
45 100

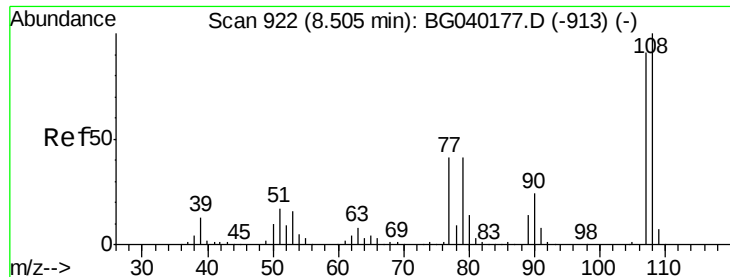
77 11.2 0.0 31.4

79 9.2 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

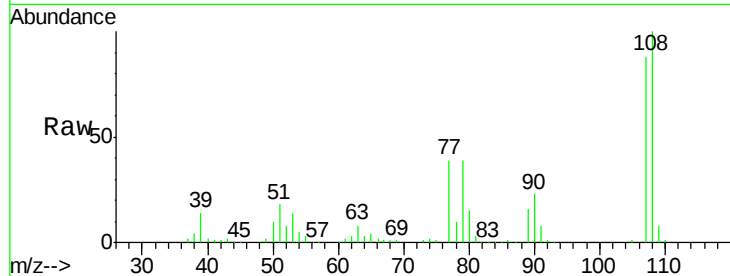




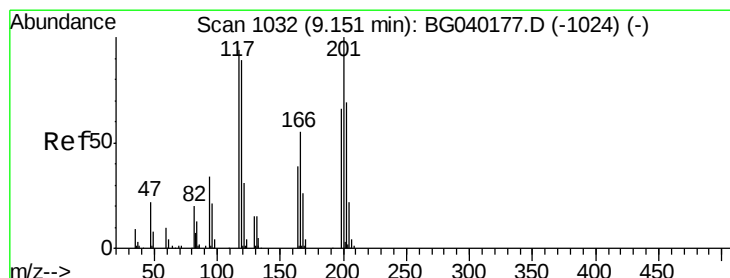
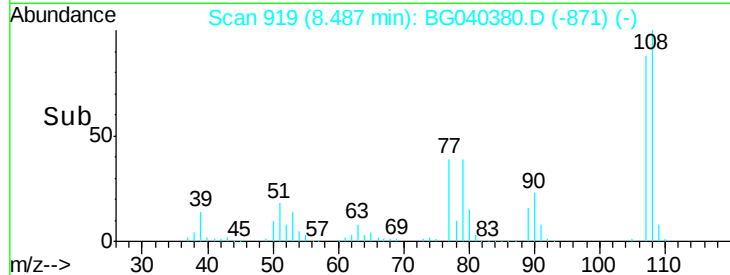
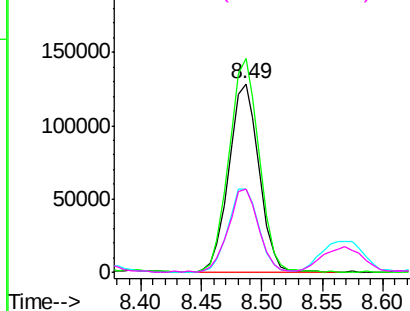
#17
2-Methylphenol
Concen: 39.786 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion:	107	Resp:	224390
Ion	Ratio	Lower	Upper
107	100		
108	113.2	88.2	132.4
77	44.1	36.6	55.0
79	44.1	36.5	54.7

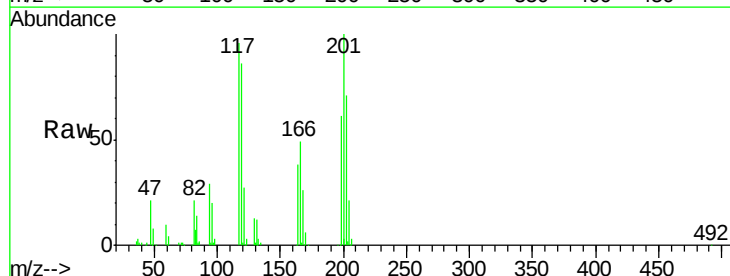


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

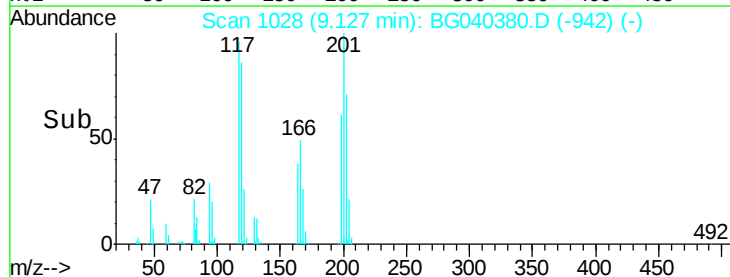
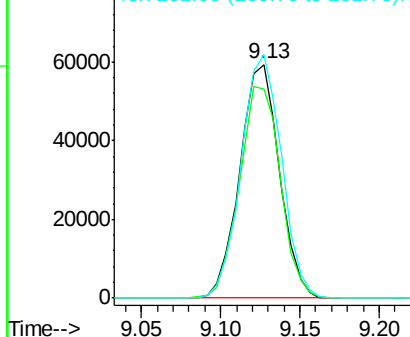


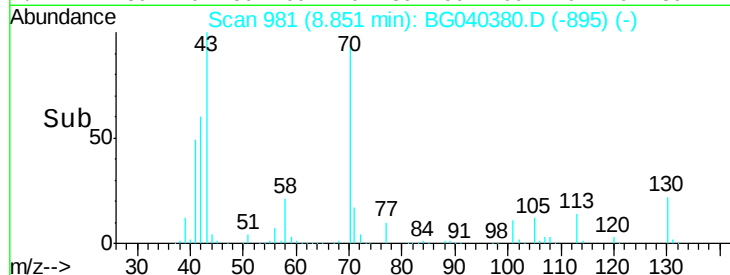
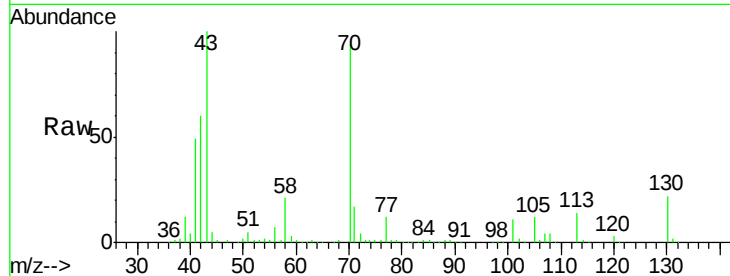
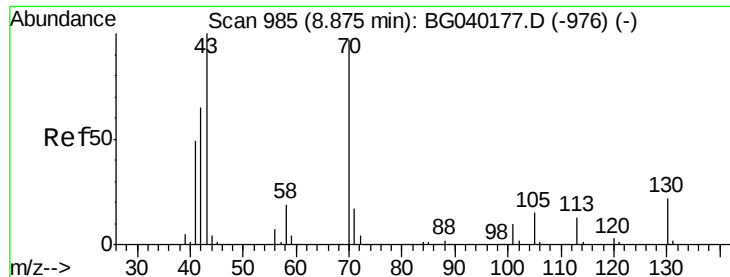
#18
Hexachloroethane
Concen: 39.295 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:	117	Resp:	102929
Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.6	115.0
201	104.1	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

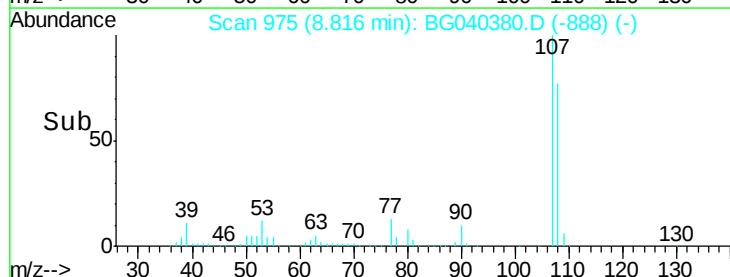
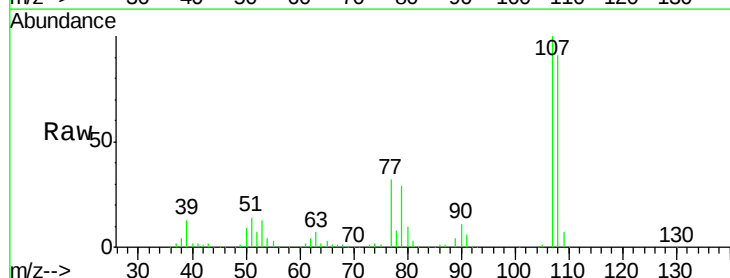
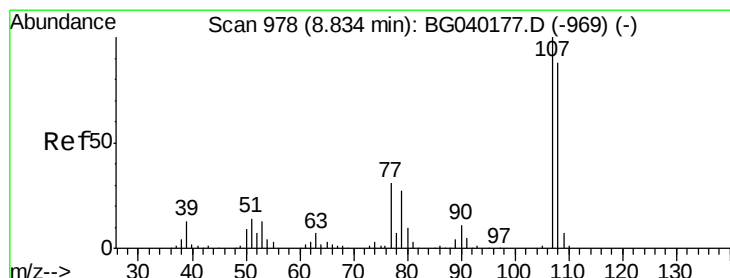
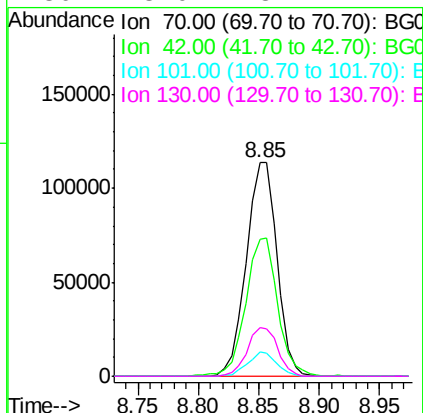




#19
n-Nitroso-di-n-propylamine
Concen: 37.442 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

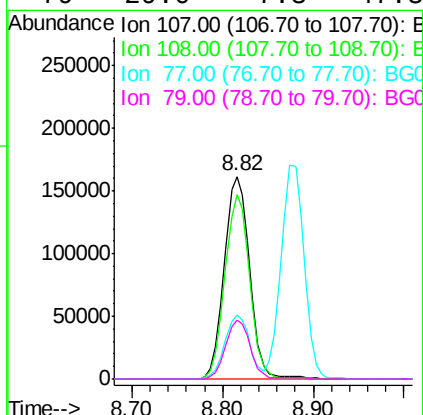
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

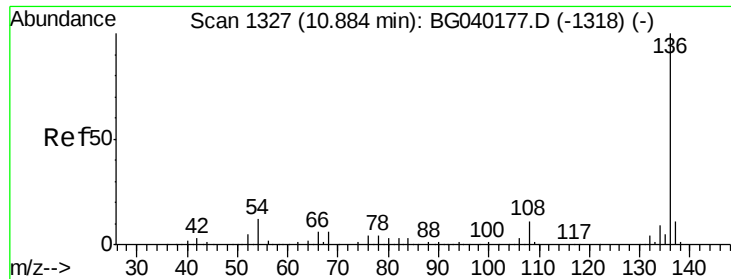
Tot Ion:	70	Resp:	201578
Ion	Ratio	Lower	Upper
70	100		
42	63.9	54.0	81.0
101	11.4	8.6	13.0
130	23.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.025 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:	107	Resp:	313444
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.3	108.3
77	31.5	11.3	51.3
79	29.0	7.3	47.3

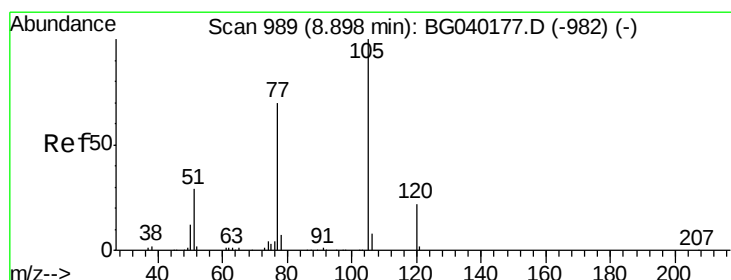
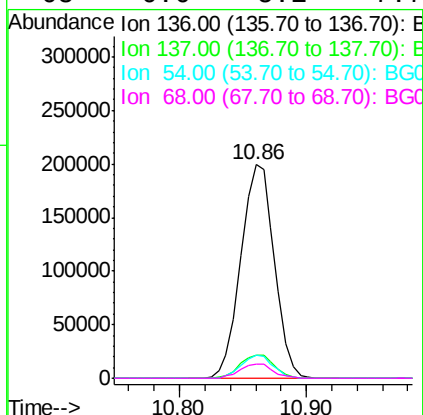
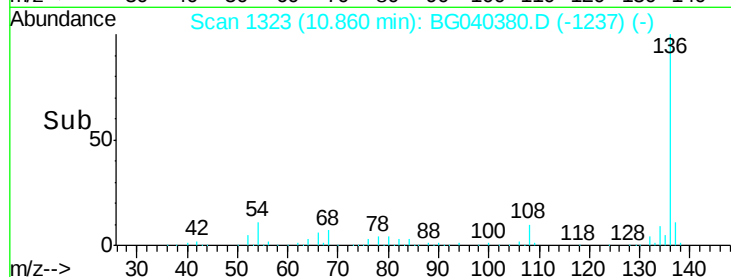
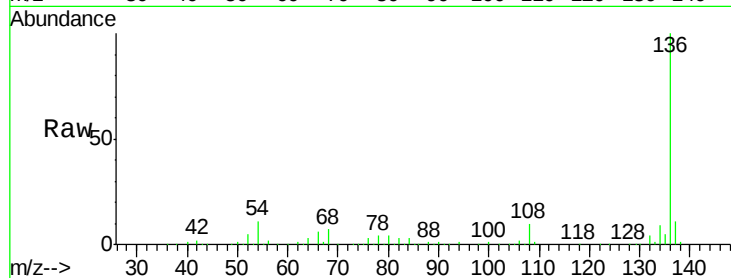




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

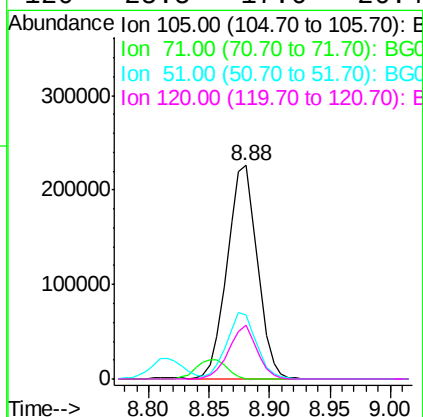
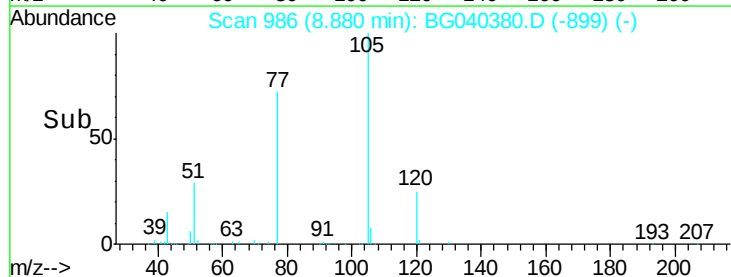
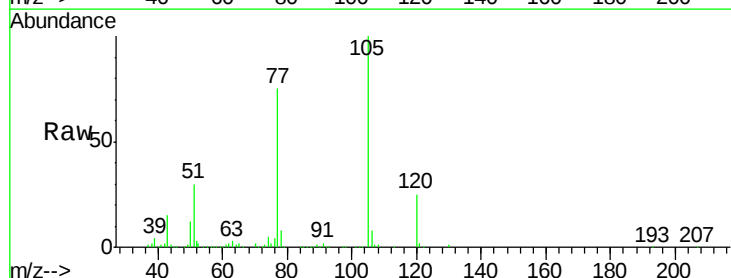
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

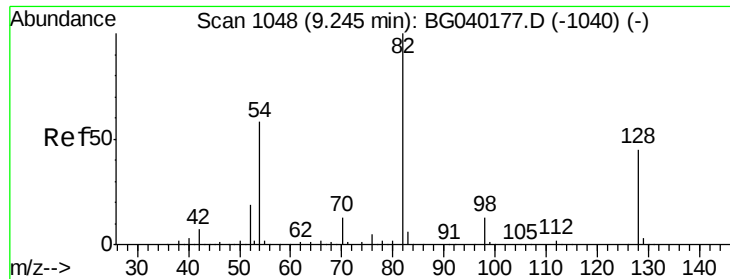
Tot Ion:136	Resp:	365106
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.5	9.6 14.4
68	6.6	5.1 7.7



#22
Acetophenone
Concen: 43.132 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:105	Resp:	392828
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	29.9	25.1 37.7
120	25.5	17.6 26.4

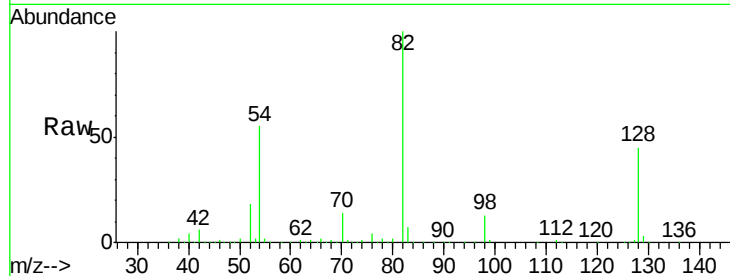




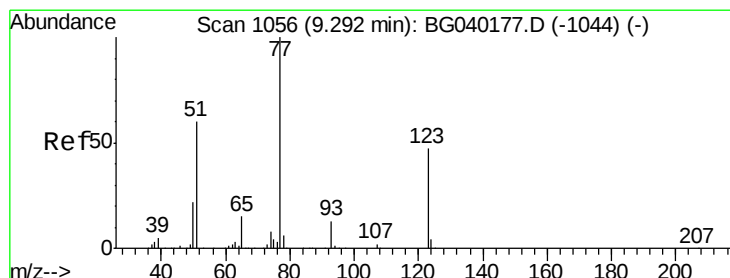
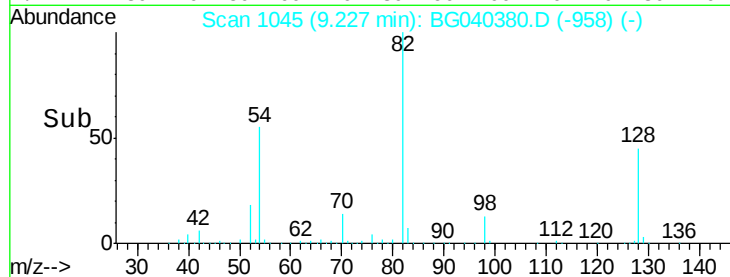
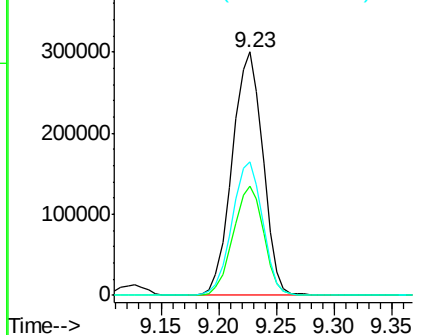
#23
 Nitrobenzene-d5
 Concen: 80.441 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	82	Resp	552541
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.8	53.8
54	54.8	46.2	69.2

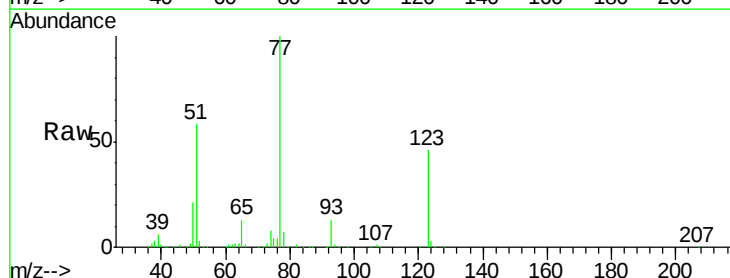


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

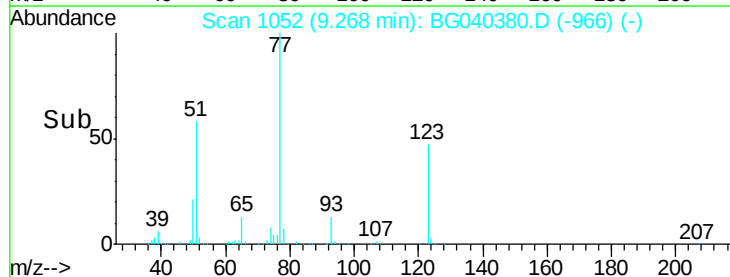
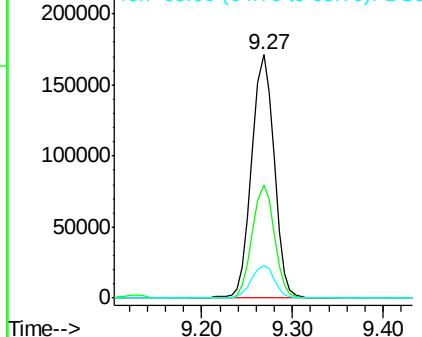


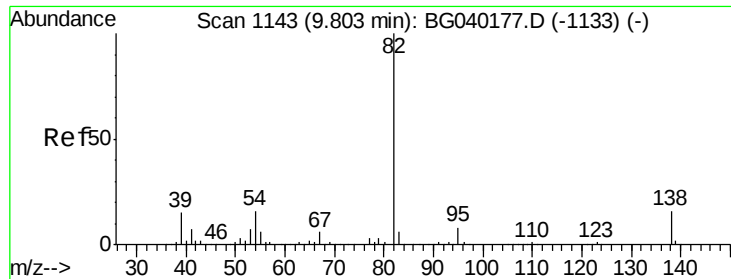
#24
 Nitrobenzene
 Concen: 41.669 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	77	Resp	296391
Ion Ratio	Lower	Upper	
77	100		
123	46.5	37.8	56.6
65	13.4	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.687 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

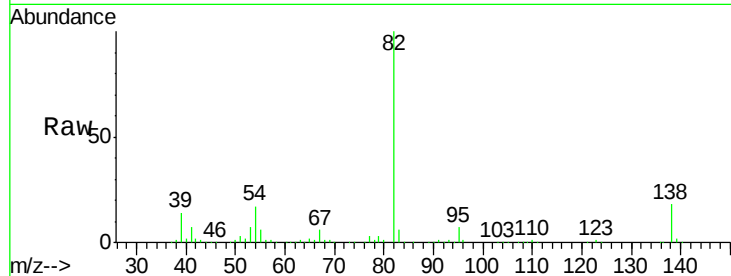
Tot Ion: 82 Resp: 575047

Ion Ratio Lower Upper

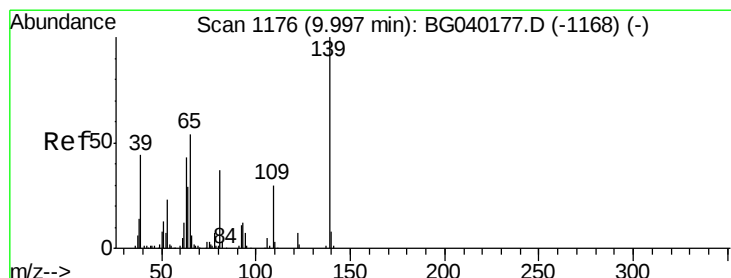
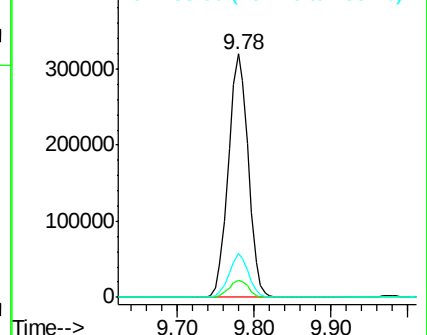
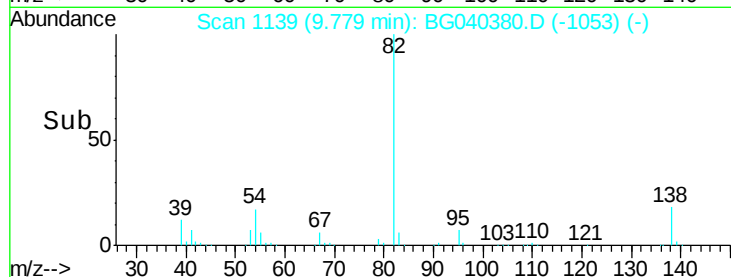
82 100

95 6.8 6.1 9.1

138 18.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.599 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

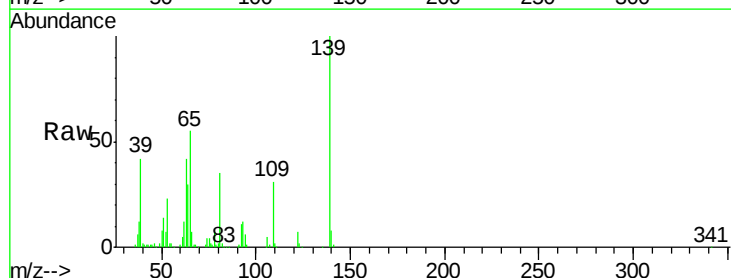
Tgt Ion: 139 Resp: 146946

Ion Ratio Lower Upper

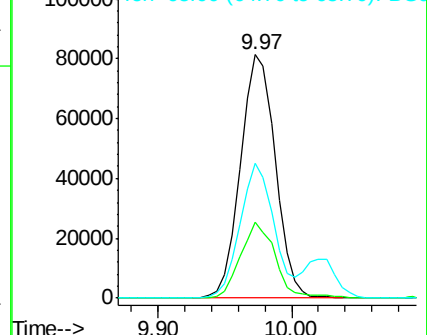
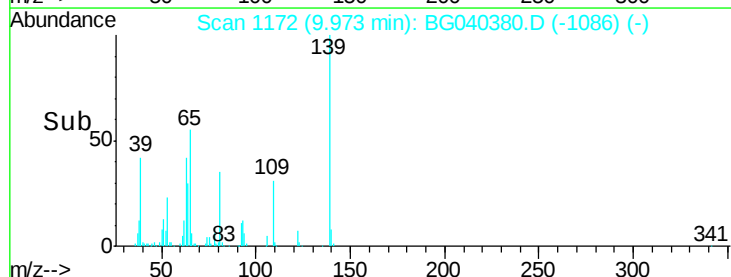
139 100

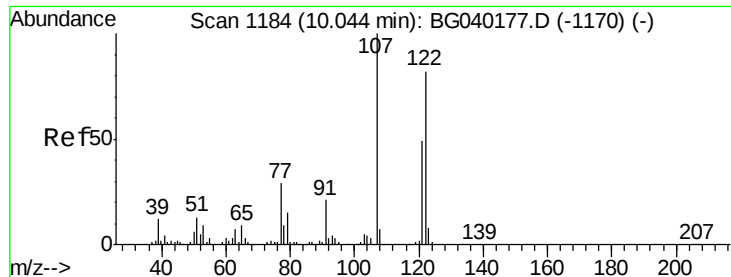
109 31.2 24.1 36.1

65 55.2 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

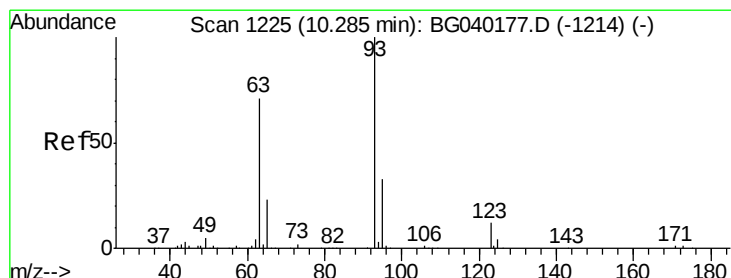
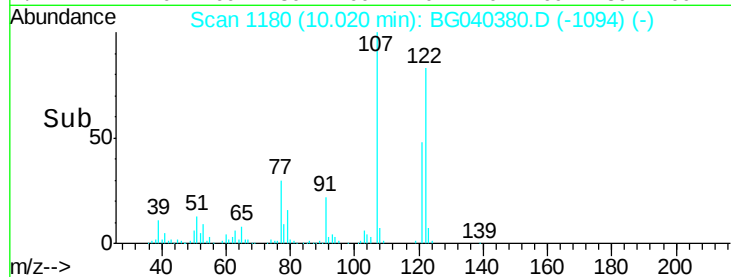
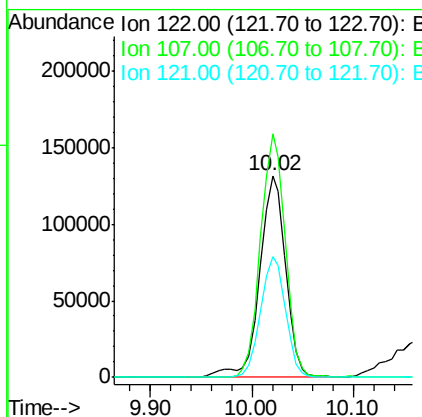
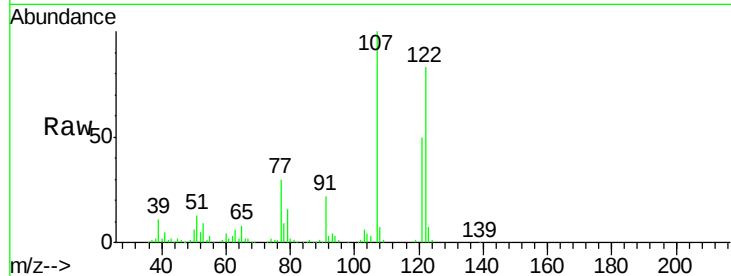




#27
 2,4-Dimethylphenol
 Concen: 43.818 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

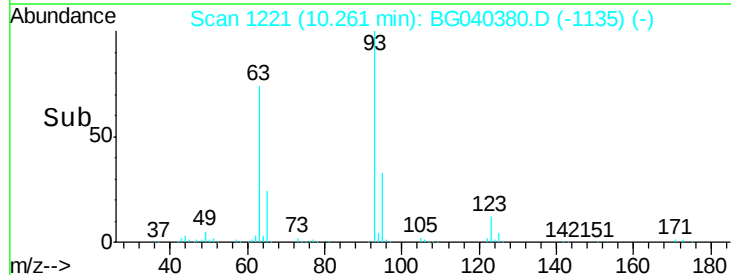
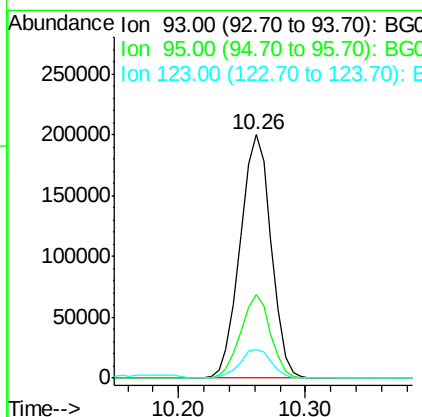
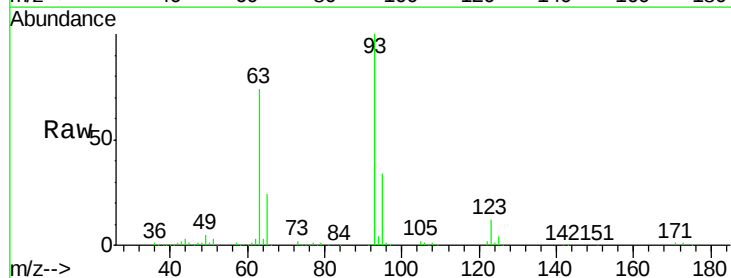
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

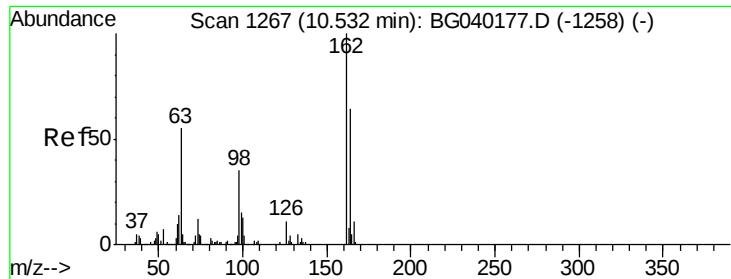
Tot Ion:122 Resp: 234586
 Ion Ratio Lower Upper
 122 100
 107 120.5 97.4 146.2
 121 59.8 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.522 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion: 93 Resp: 338826
 Ion Ratio Lower Upper
 93 100
 95 34.4 26.2 39.4
 123 11.9 9.4 14.0

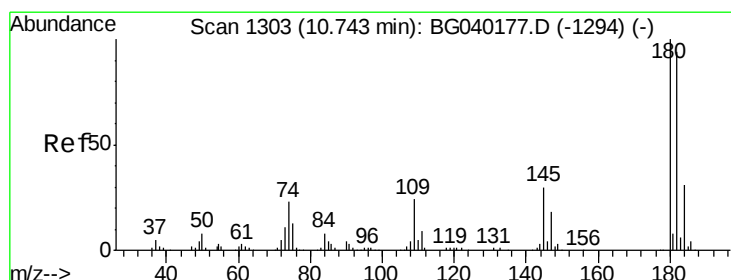
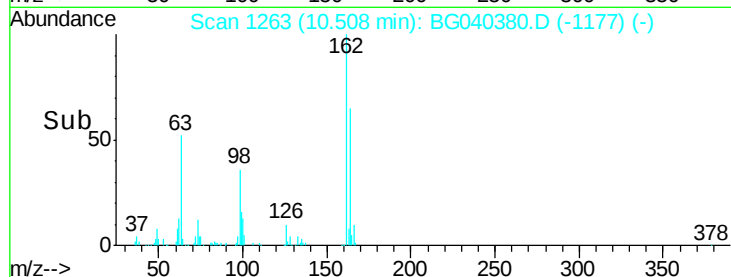
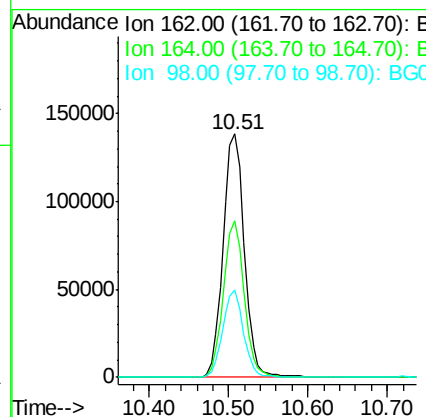
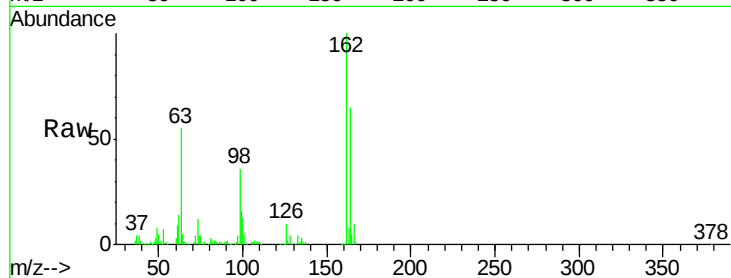




#29
 2,4-Dichlorophenol
 Concen: 44.253 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

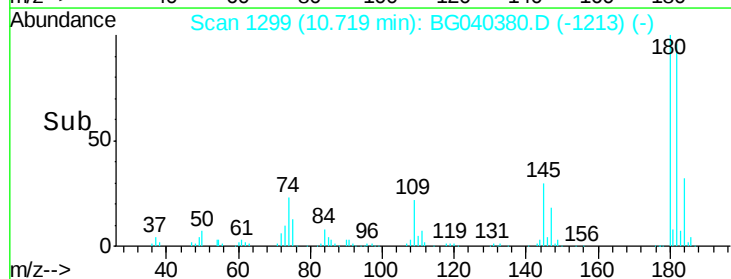
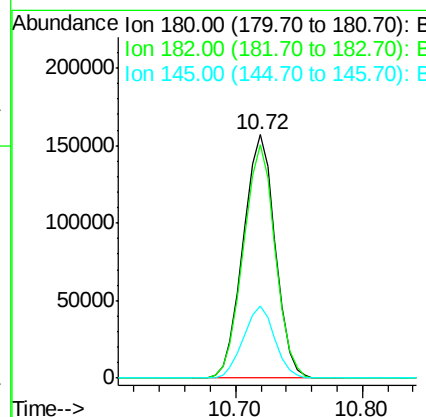
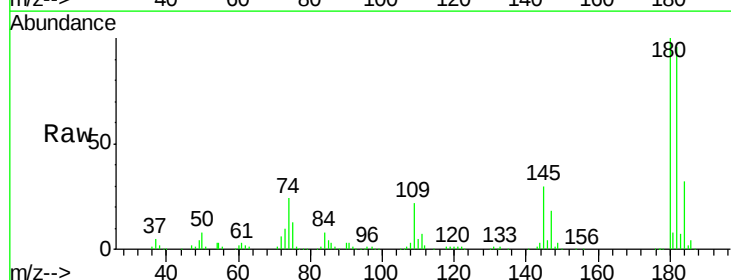
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

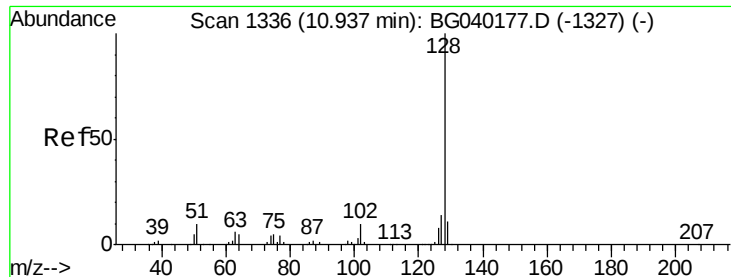
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.9	83.9
98	36.0	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.032 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.1	112.7
145	29.8	24.1	36.1

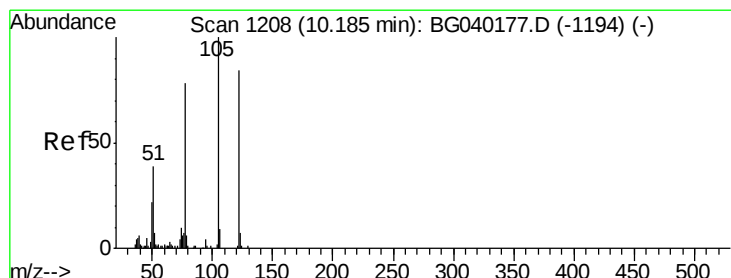
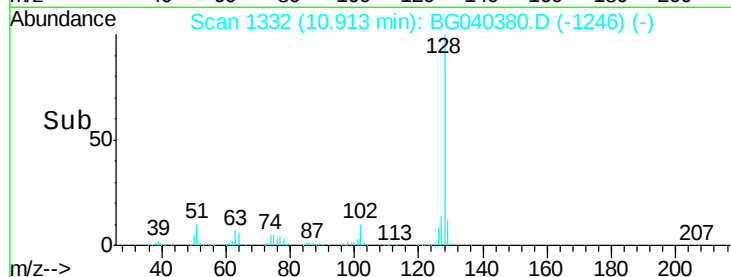
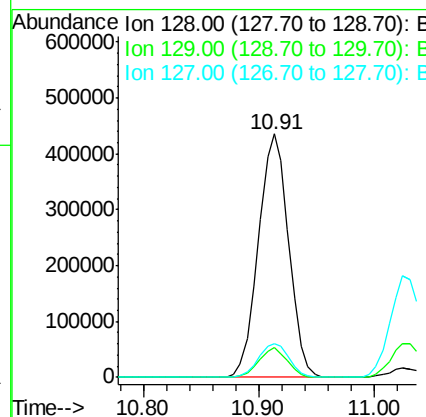
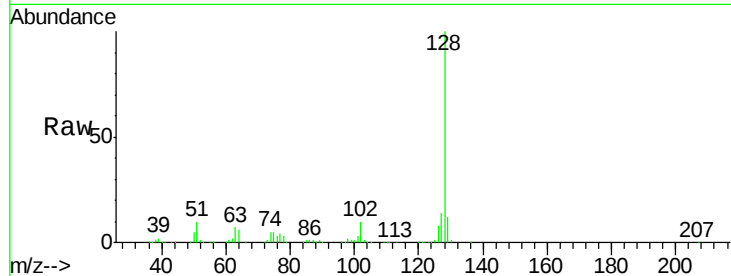




#31
Naphthalene
Concen: 42.383 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

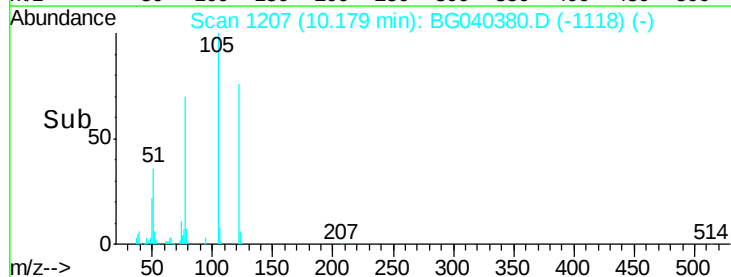
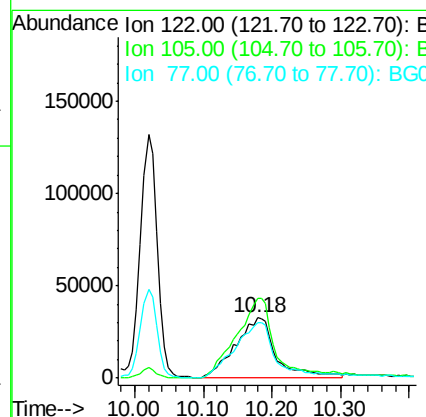
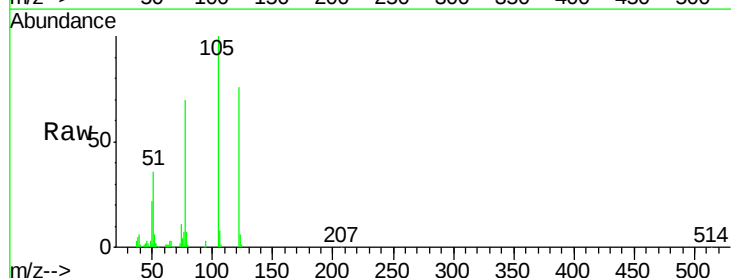
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

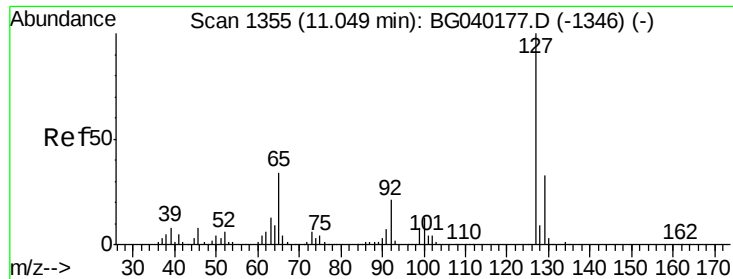
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.9	13.3
127	14.0	11.4	17.0



#32
Benzoic acid
Concen: 41.272 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	98.2	138.2
77	92.0	73.6	113.6

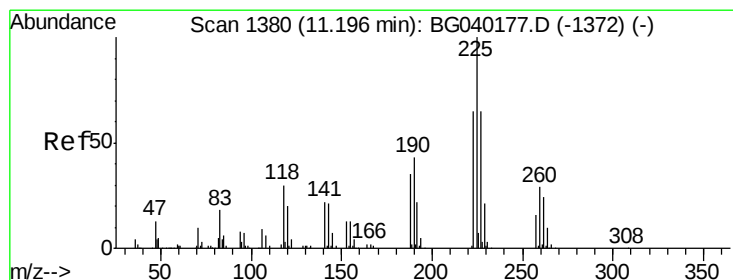
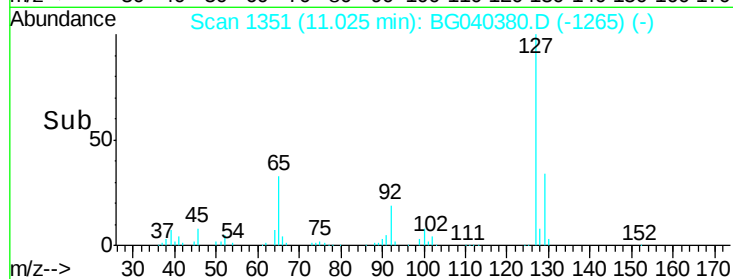
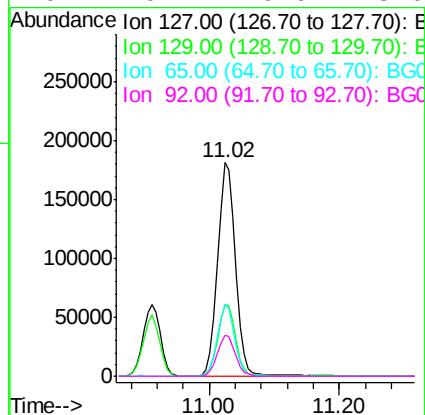
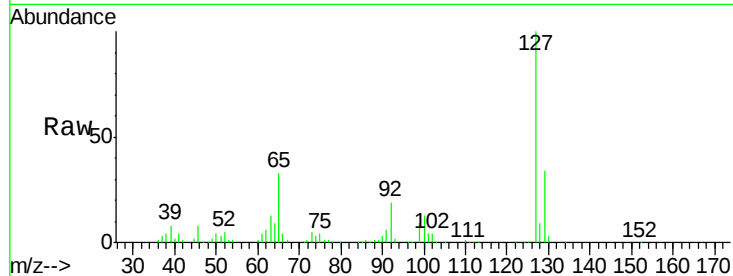




#33
4-Chloroaniline
Concen: 43.232 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

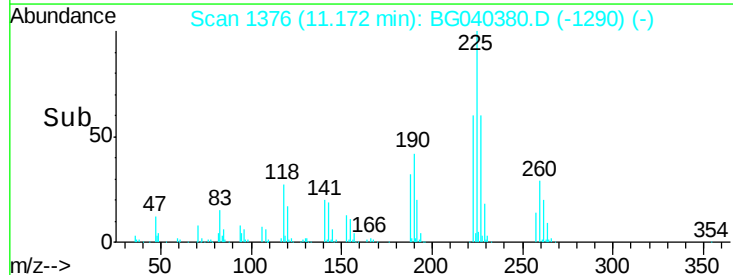
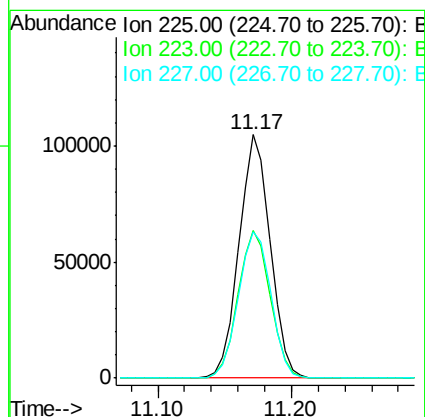
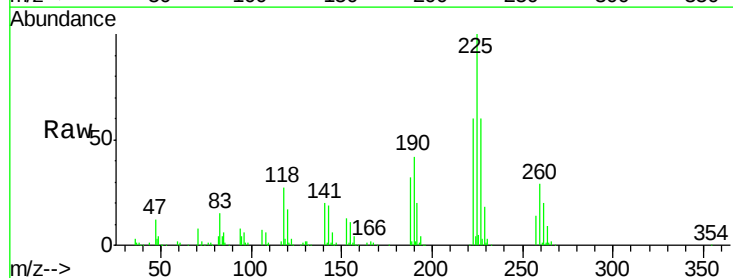
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

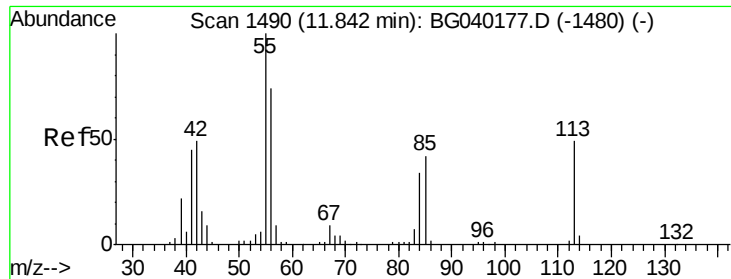
Tot Ion:127 Resp: 345110
Ion Ratio Lower Upper
127 100
129 33.6 26.6 40.0
65 33.3 27.0 40.4
92 19.1 16.6 25.0



#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:225 Resp: 169289
Ion Ratio Lower Upper
225 100
223 60.5 51.8 77.8
227 60.1 54.9 82.3





#35

Caprolactam

Concen: 28.371 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

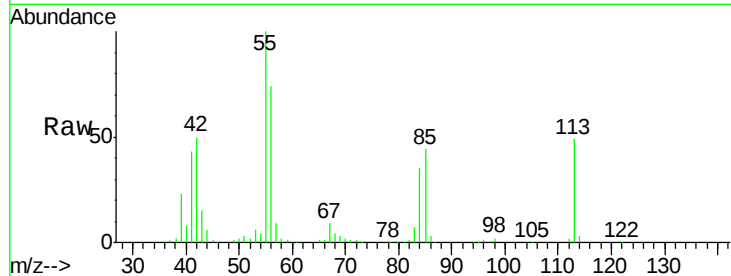
Tot Ion:113 Resp: 65424

Ion Ratio Lower Upper

113 100

55 203.2 184.2 224.2

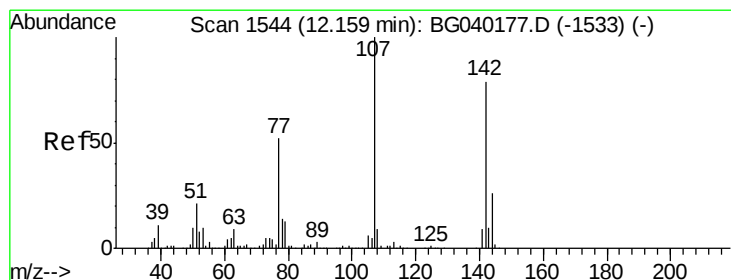
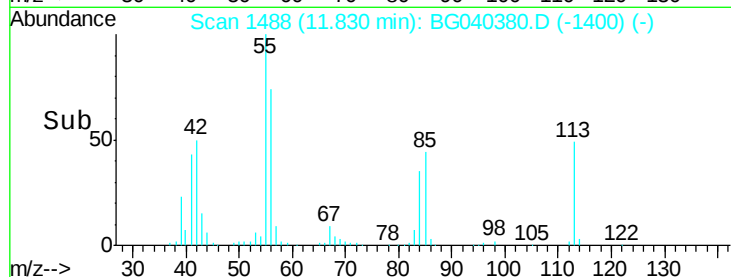
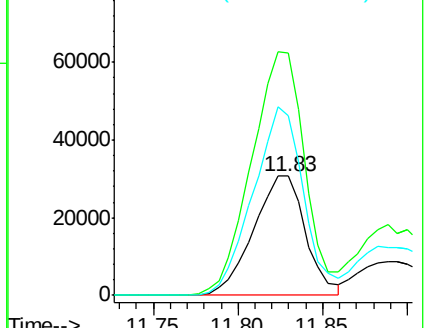
56 150.2 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.281 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

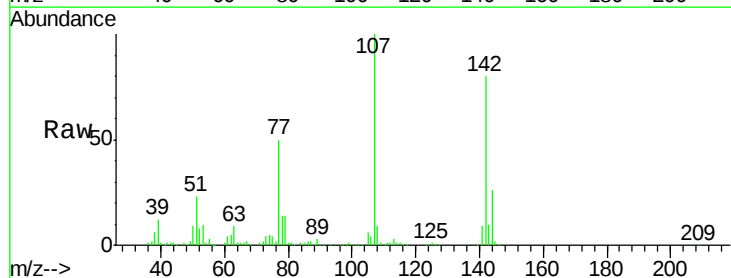
Tgt Ion:107 Resp: 289136

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

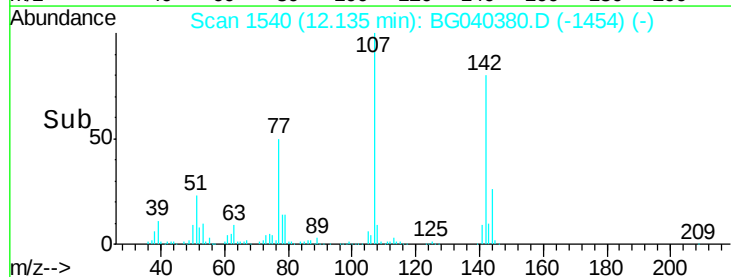
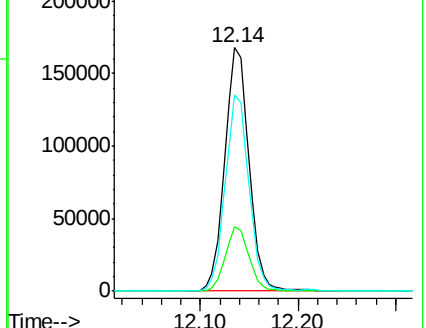
142 80.4 63.1 94.7

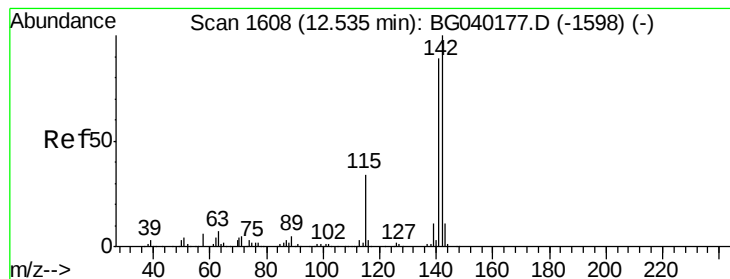


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.679 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

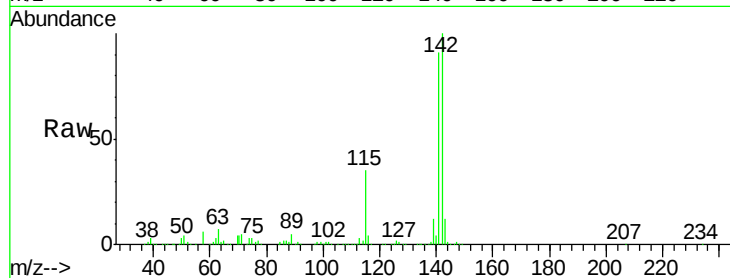
Tot Ion:142 Resp: 590711

Ion Ratio Lower Upper

142 100

141 90.7 71.0 106.6

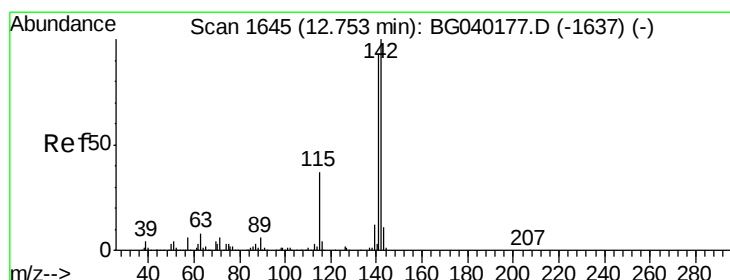
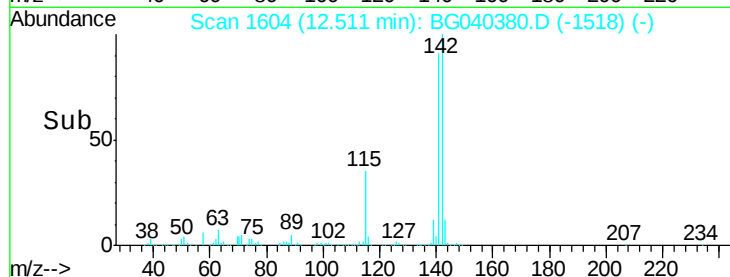
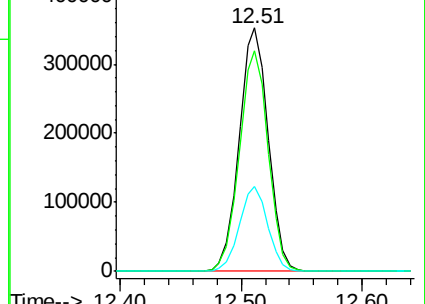
115 35.1 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.720 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

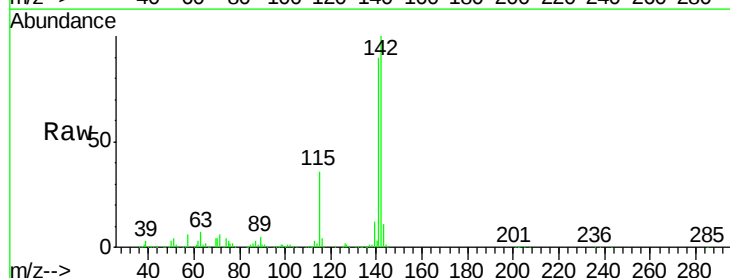
Tgt Ion:142 Resp: 559947

Ion Ratio Lower Upper

142 100

141 89.9 74.2 111.4

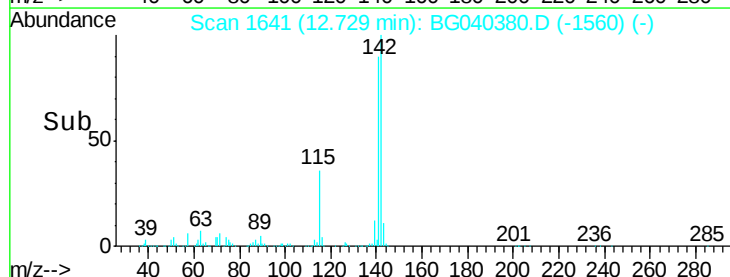
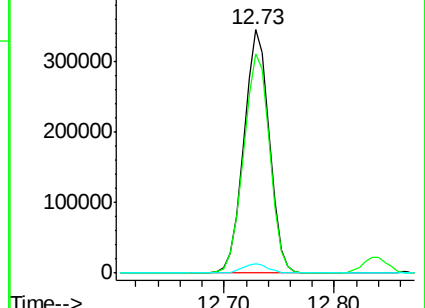
116 3.7 3.0 4.4

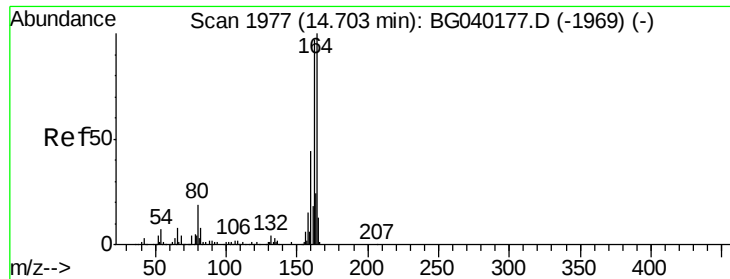


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

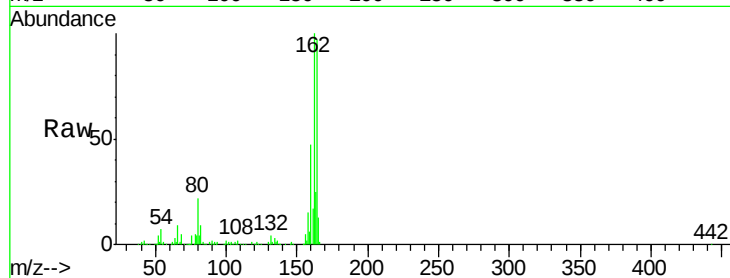
Tot Ion:164 Resp: 226746

Ion Ratio Lower Upper

164 100

162 103.4 77.4 116.2

160 48.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

200000

150000

100000

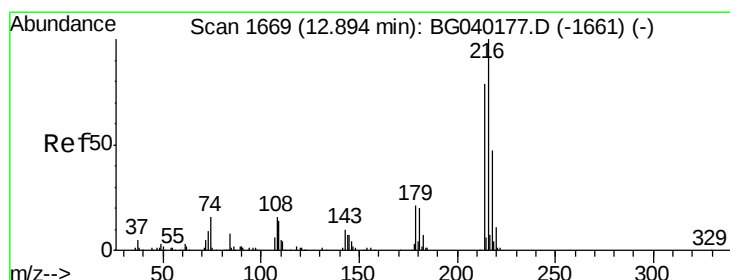
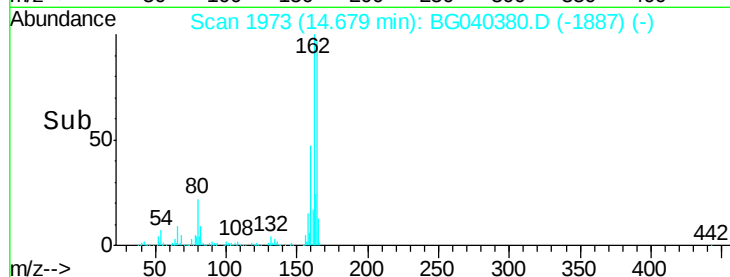
50000

0

14.60

14.70

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.642 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:216 Resp: 300103

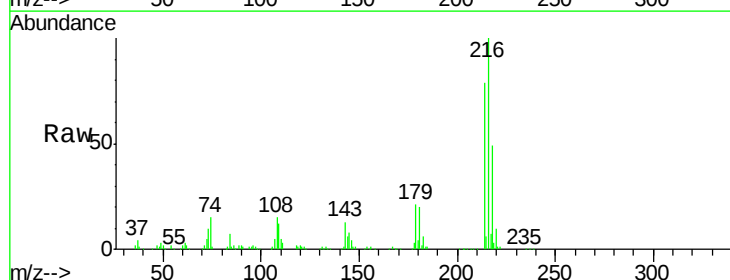
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.4 16.6 25.0

108 19.1 13.8 20.8



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

250000

200000

150000

100000

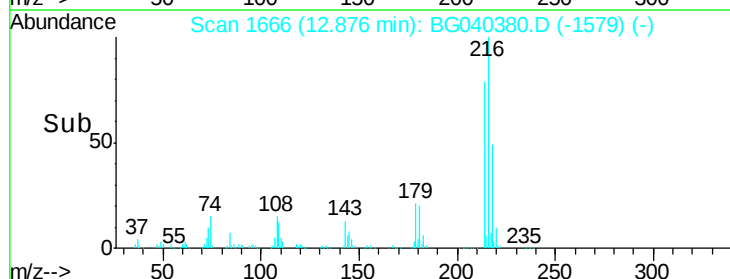
50000

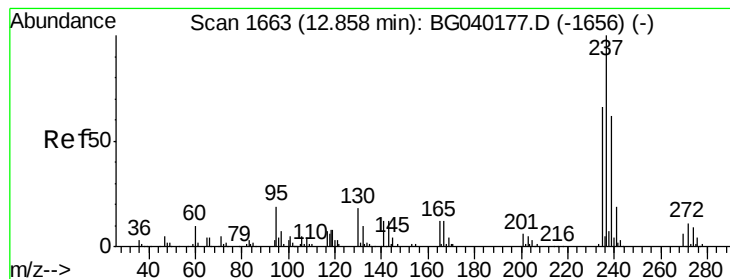
0

12.80

12.90

Time-->





#41

Hexachlorocyclopentadiene

Concen: 83.833 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

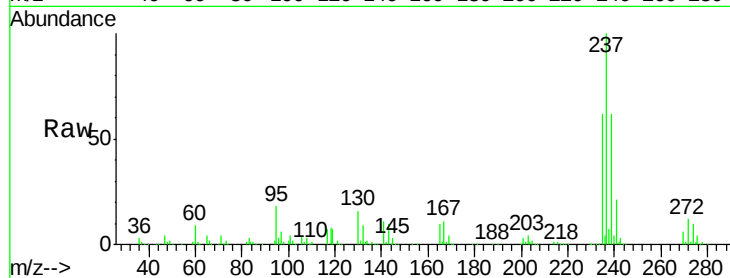
Tot Ion:237 Resp: 331733

Ion Ratio Lower Upper

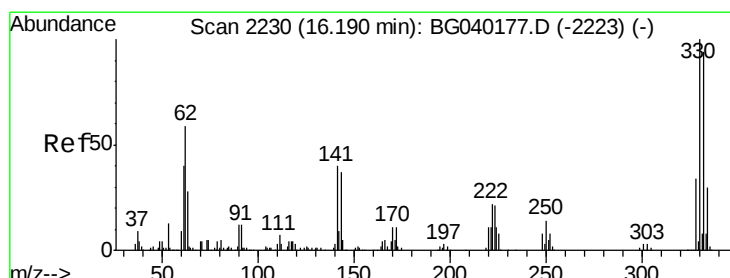
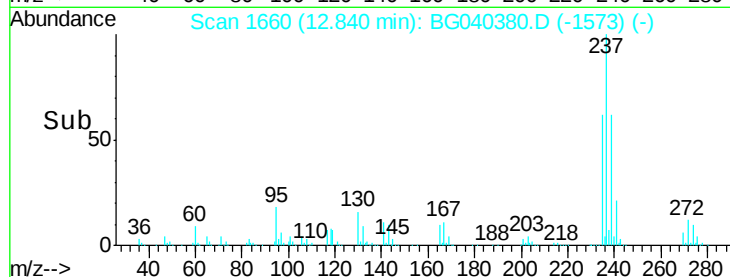
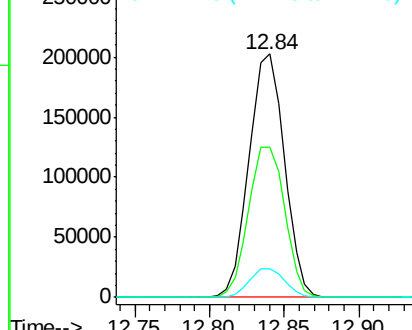
237 100

235 61.6 46.2 86.2

272 11.9 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.408 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

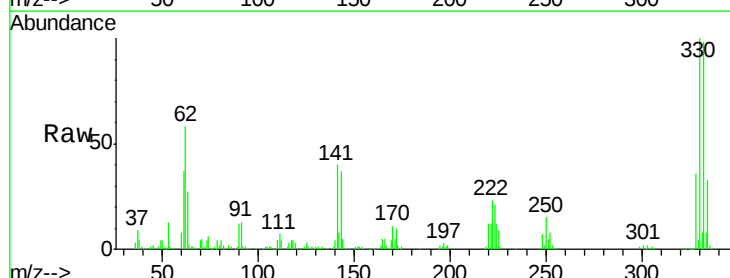
Tgt Ion:330 Resp: 226450

Ion Ratio Lower Upper

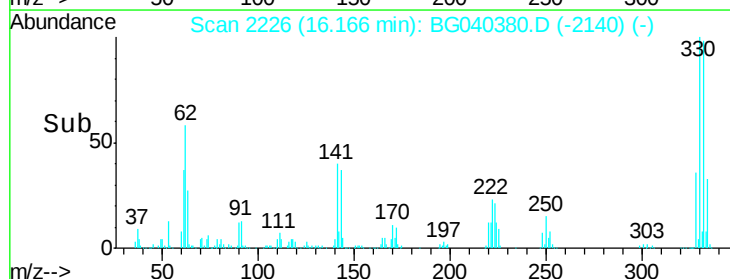
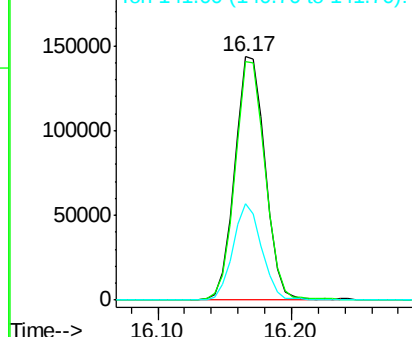
330 100

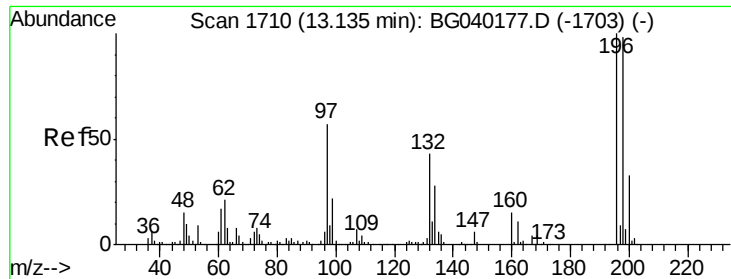
332 97.3 76.6 115.0

141 37.5 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

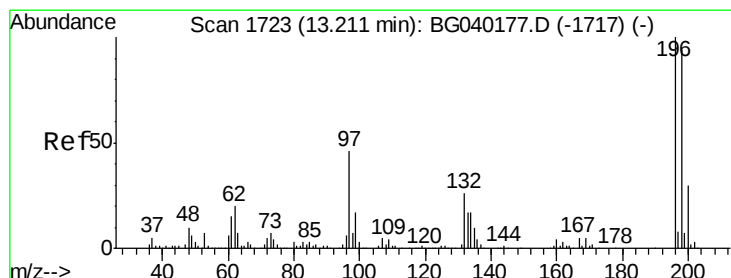
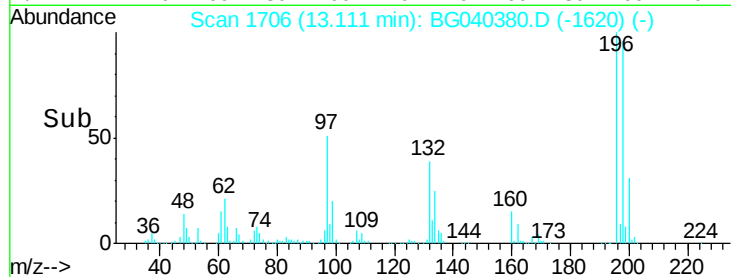
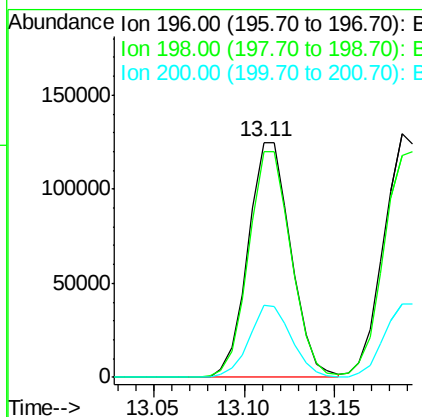
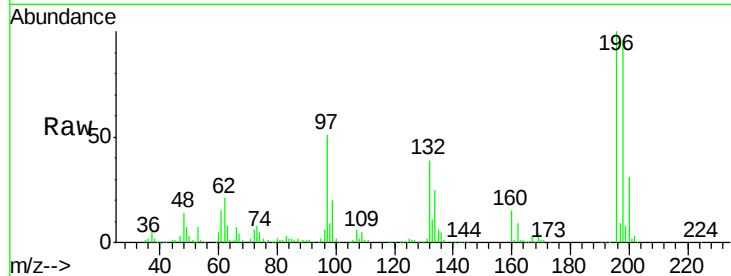




#43
 2,4,6-Trichlorophenol
 Concen: 44.300 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

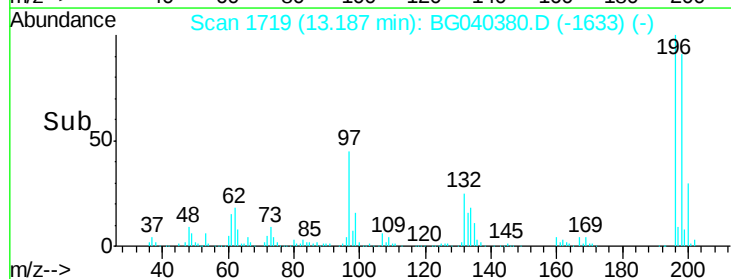
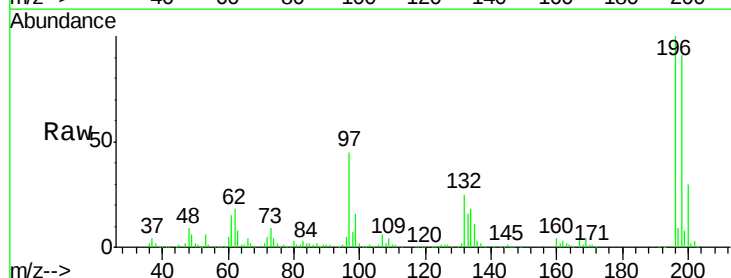
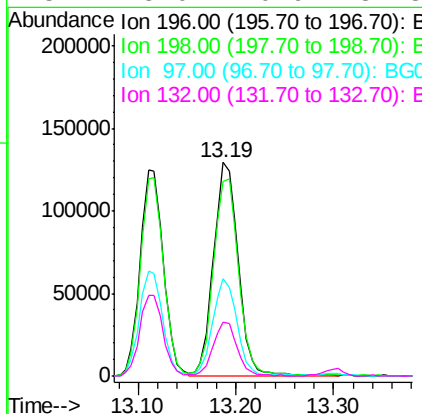
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

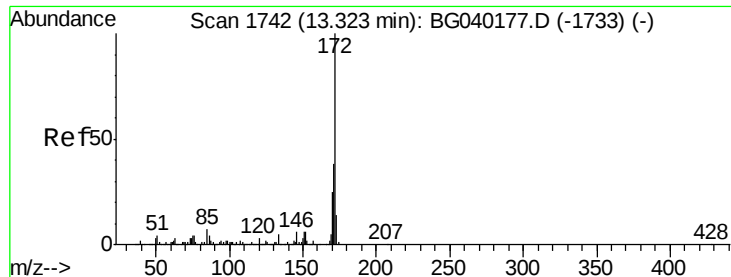
Tot Ion:196 Resp: 205839
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.3 117.5
 200 30.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.824 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion:196 Resp: 227013
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.0 112.6
 97 45.3 37.3 55.9
 132 25.0 20.9 31.3

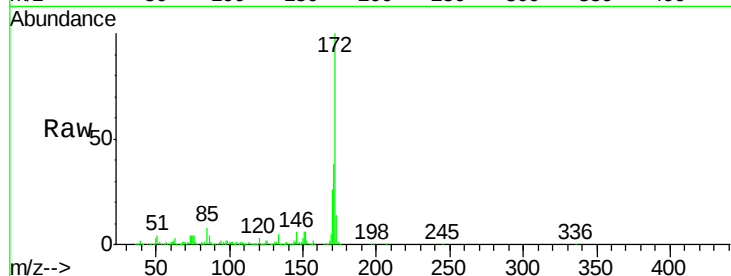




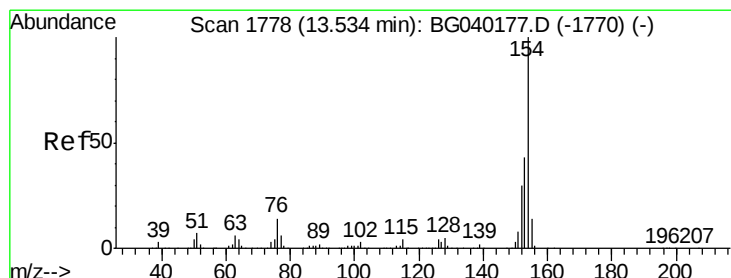
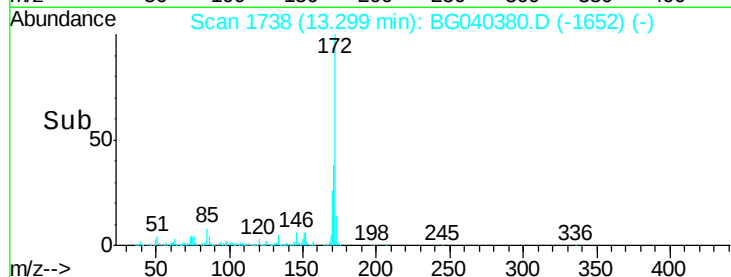
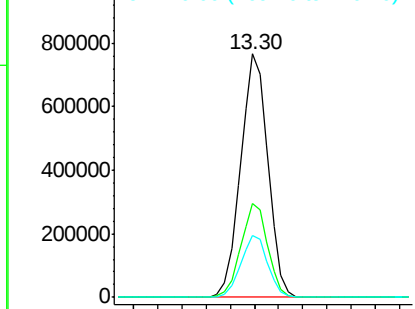
#45
2-Fluorobiphenyl
Concen: 78.710 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion:172 Resp: 1204461
Ion Ratio Lower Upper
172 100
171 38.4 30.5 45.7
170 25.6 20.1 30.1

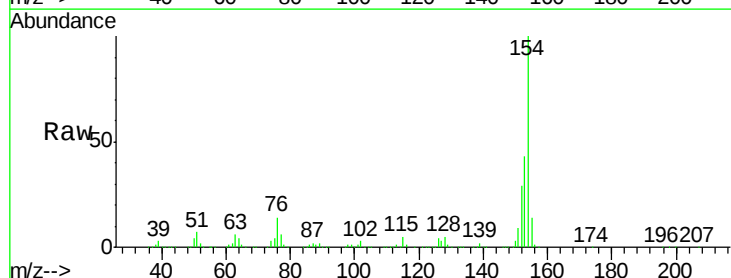


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

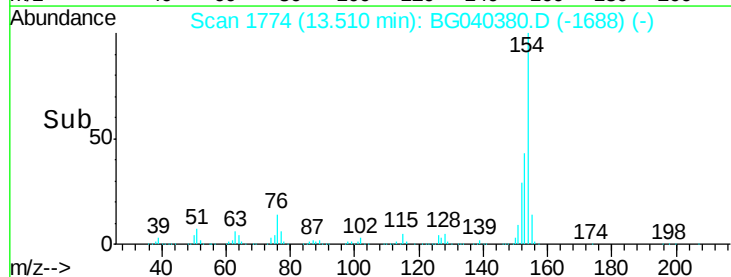
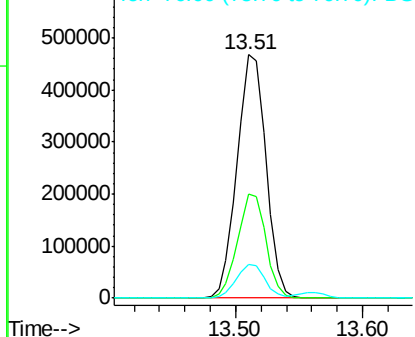


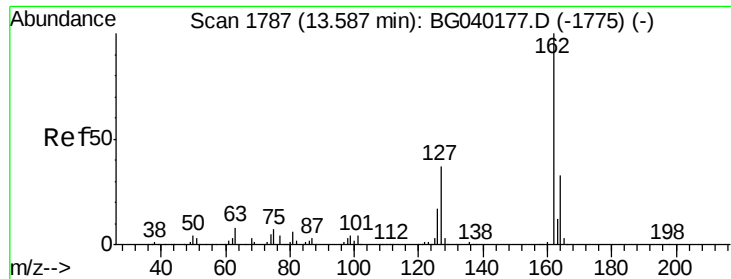
#46
1,1'-Biphenyl
Concen: 41.274 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:154 Resp: 739461
Ion Ratio Lower Upper
154 100
153 42.8 22.5 62.5
76 13.7 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

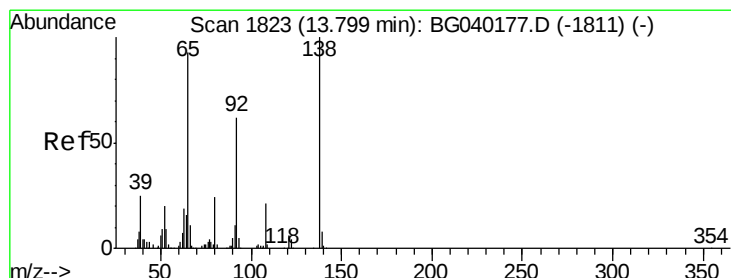
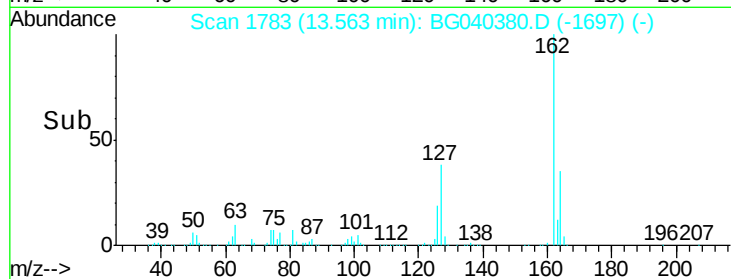
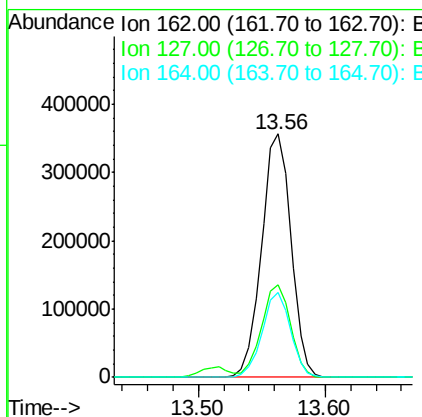
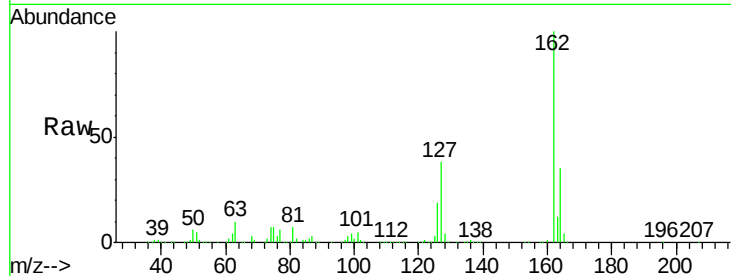




#47
2-Chloronaphthalene
Concen: 42.024 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

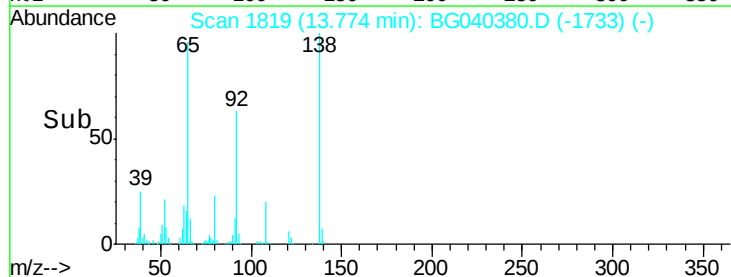
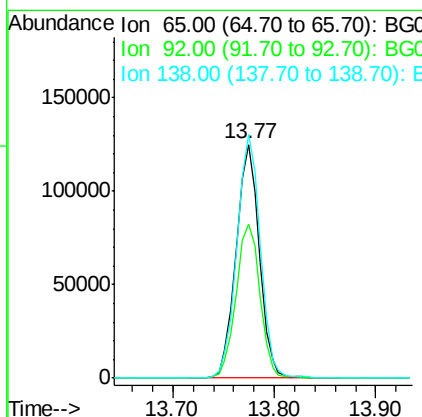
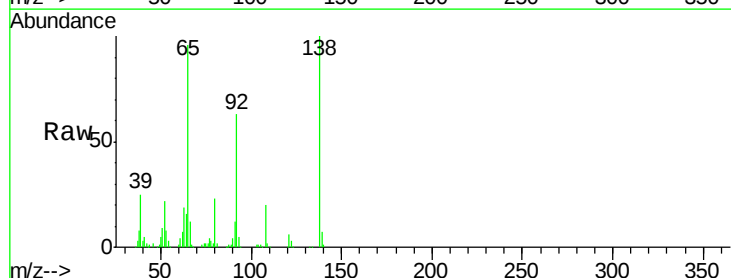
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

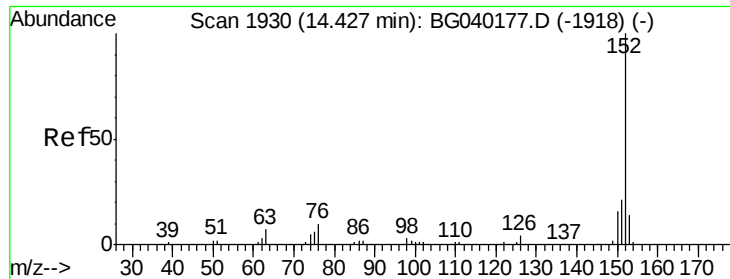
Tot Ion:162 Resp: 577523
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 34.9 26.2 39.4



#48
2-Nitroaniline
Concen: 43.026 ng
RT: 13.77 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion: 65 Resp: 199446
Ion Ratio Lower Upper
65 100
92 65.9 53.8 80.6
138 104.2 86.3 129.5





#49

Acenaphthylene

Concen: 39.780 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

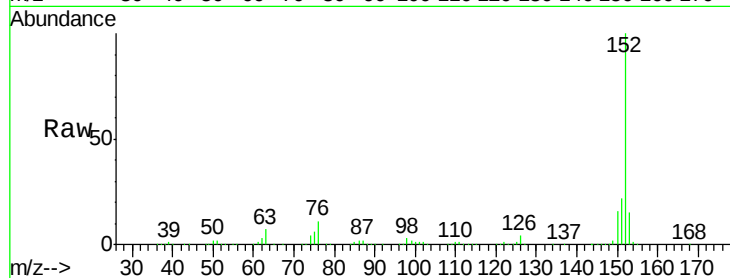
Tot Ion:152 Resp: 926879

Ion Ratio Lower Upper

152 100

151 22.1 17.0 25.6

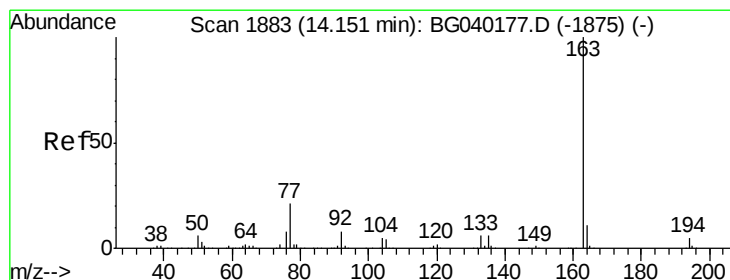
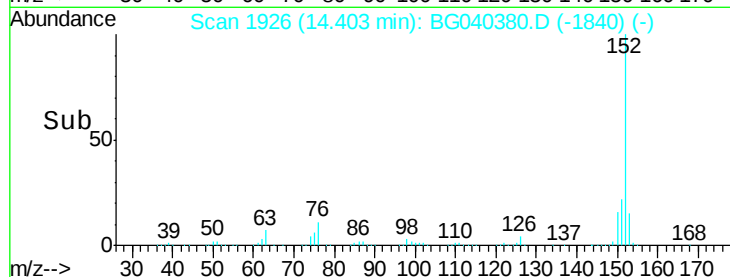
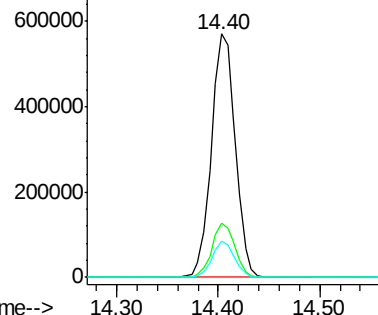
153 14.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.283 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

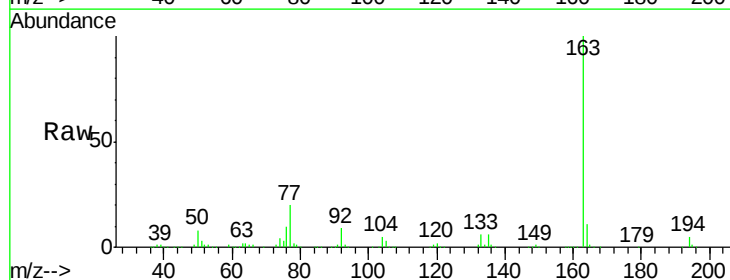
Tgt Ion:163 Resp: 732601

Ion Ratio Lower Upper

163 100

194 5.1 4.1 6.1

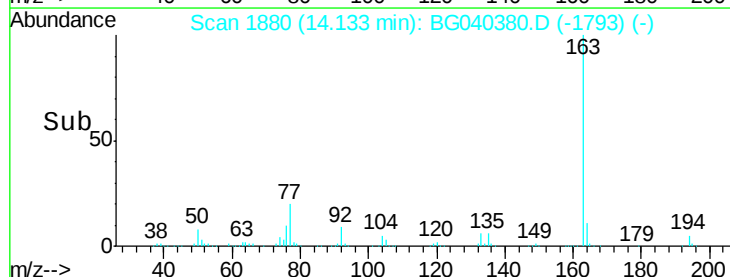
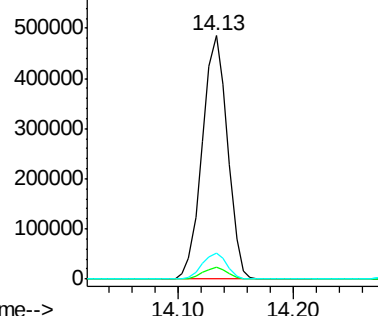
164 10.6 8.6 13.0

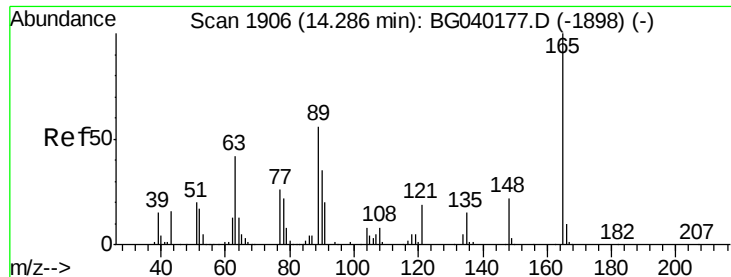


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.829 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

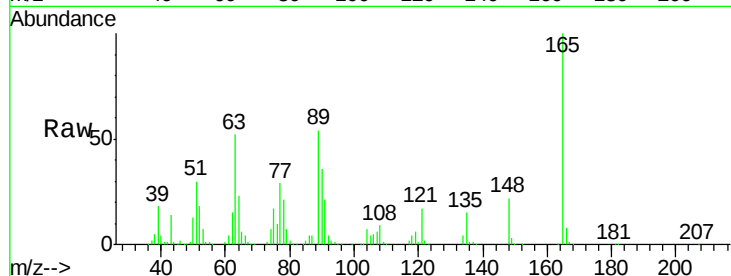
Tot Ion:165 Resp: 174642

Ion Ratio Lower Upper

165 100

63 52.2 44.1 66.1

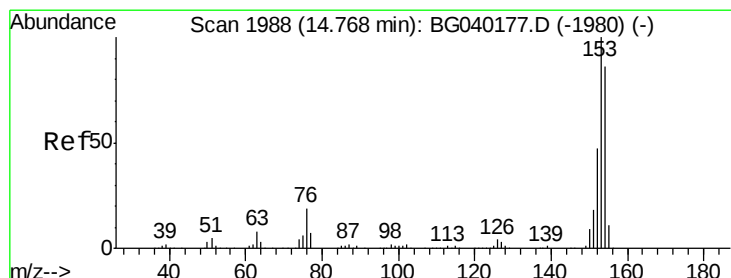
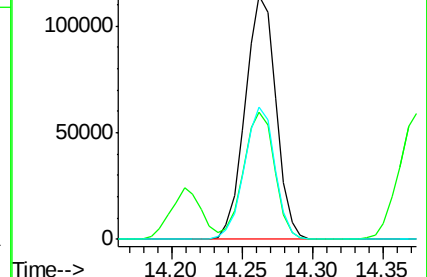
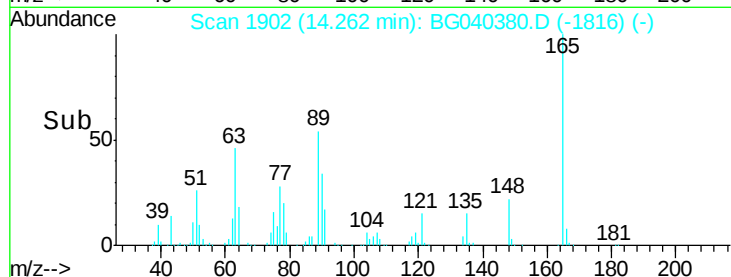
89 54.3 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 89.00 (88.70 to 89.70): B



#52

Acenaphthene

Concen: 41.854 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

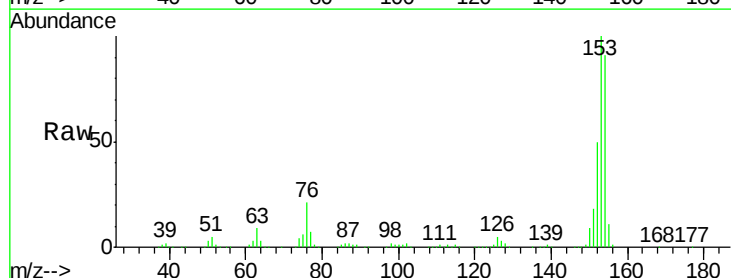
Tgt Ion:154 Resp: 558815

Ion Ratio Lower Upper

154 100

153 109.9 92.8 139.2

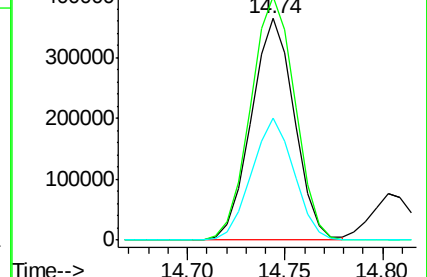
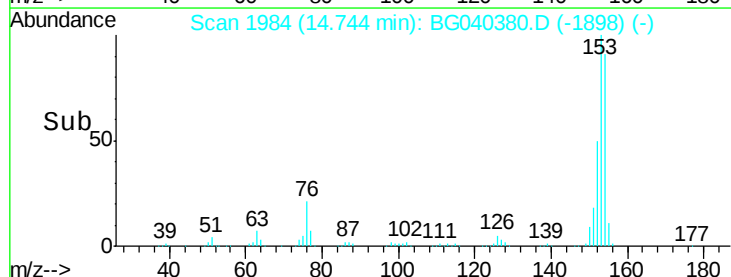
152 55.2 43.4 65.2

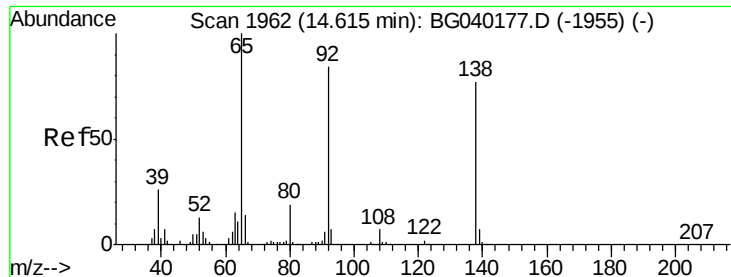


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.128 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

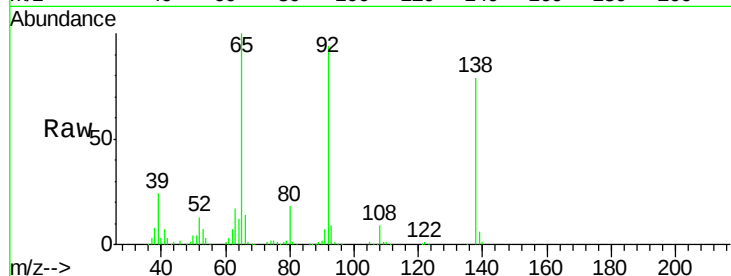
Tot Ion:138 Resp: 181909

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.8

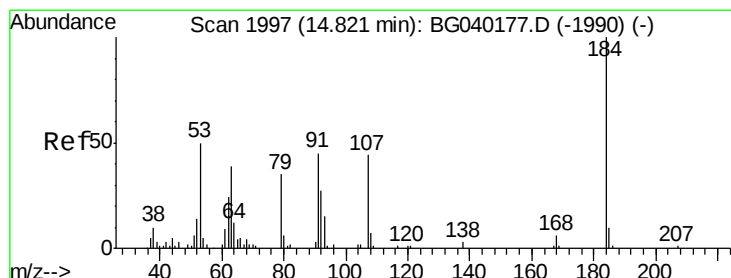
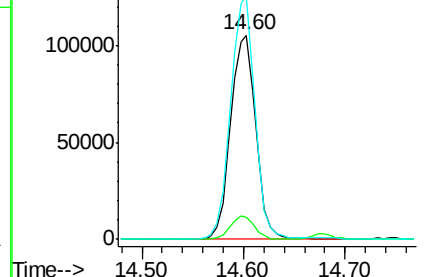
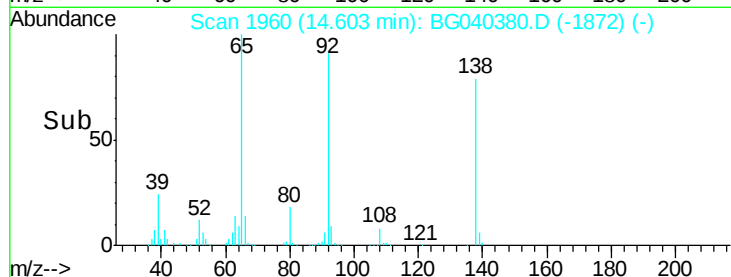
92 119.2 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 96.943 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

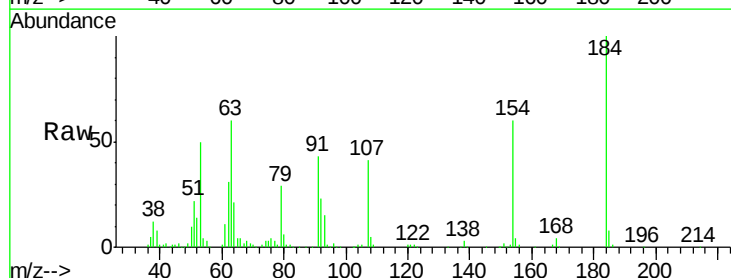
Tgt Ion:184 Resp: 205433

Ion Ratio Lower Upper

184 100

63 59.9 51.8 77.8

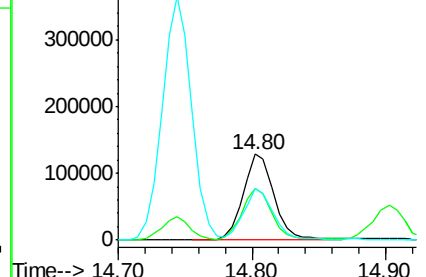
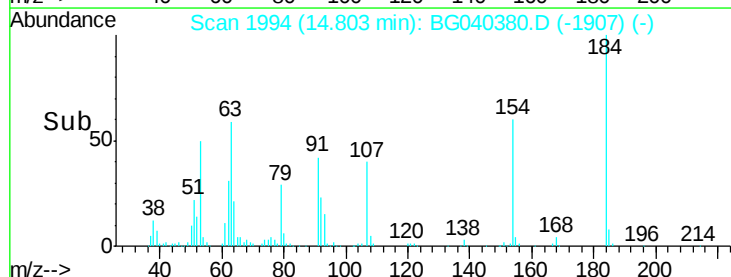
154 59.9 50.9 76.3

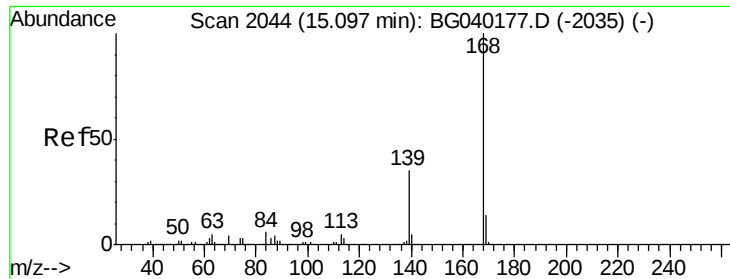


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

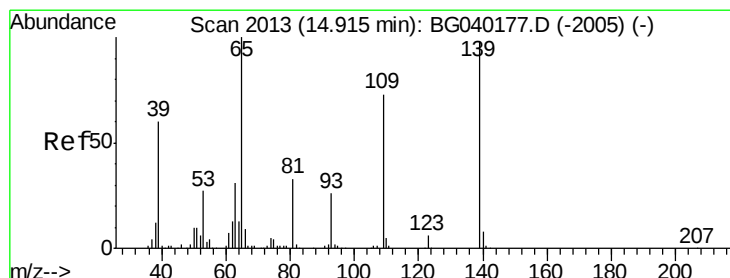
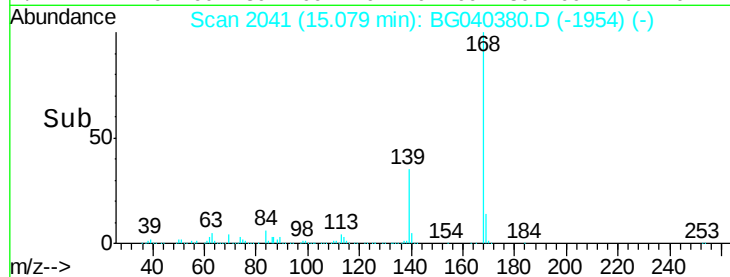
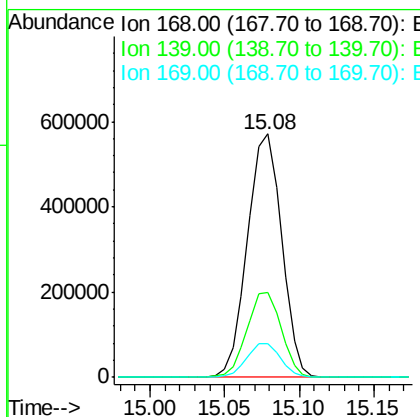
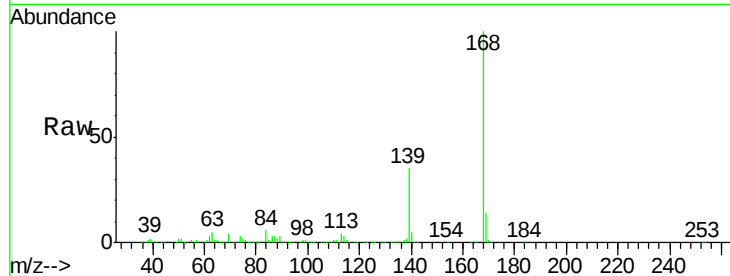




#55
Dibenzenofuran
Concen: 42.212 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

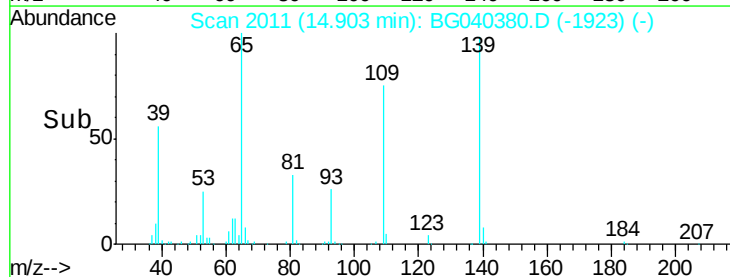
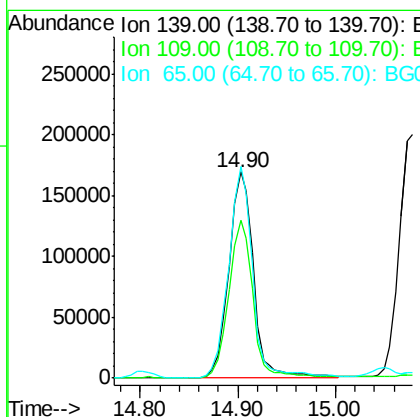
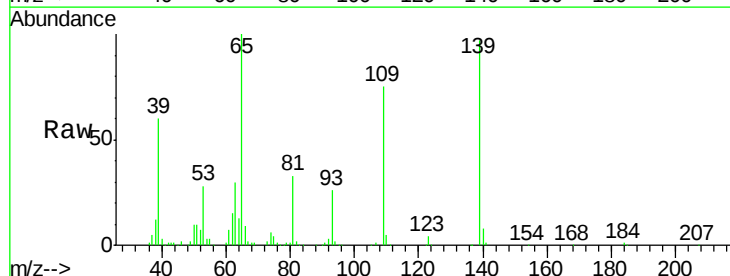
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

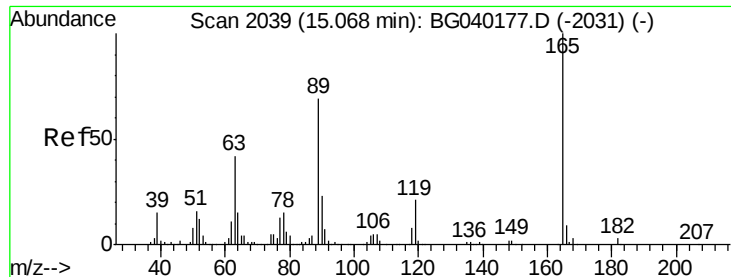
Tot Ion:168 Resp: 905602
Ion Ratio Lower Upper
168 100
139 35.0 27.9 41.9
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 87.408 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:139 Resp: 297552
Ion Ratio Lower Upper
139 100
109 76.9 54.3 94.3
65 103.0 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 44.719 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

Tot Ion:165 Resp: 247592

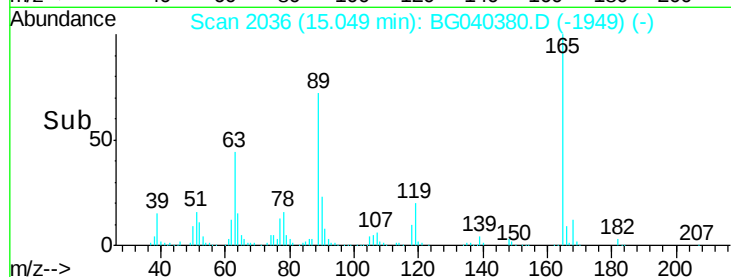
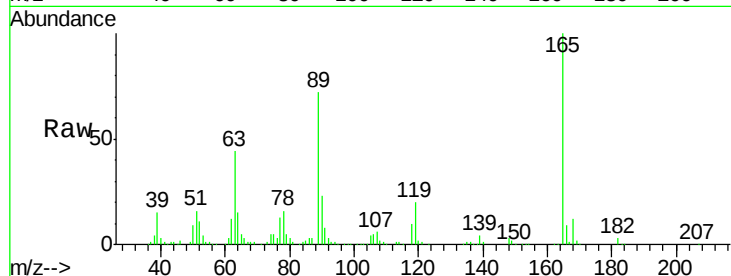
Ion Ratio Lower Upper

165 100

63 43.5 33.8 50.6

89 72.4 55.4 83.2

182 3.5 2.2 3.4#

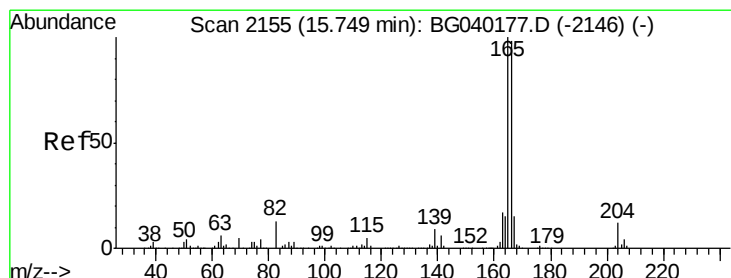
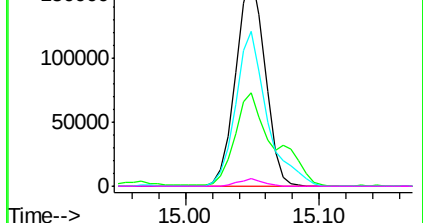


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.594 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

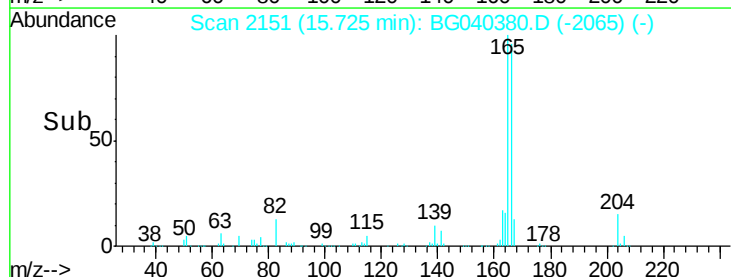
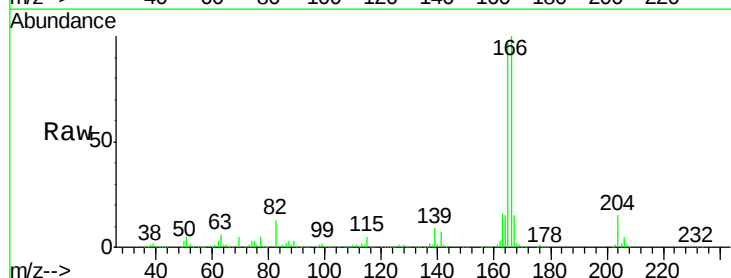
Tgt Ion:166 Resp: 701586

Ion Ratio Lower Upper

166 100

165 97.4 81.7 122.5

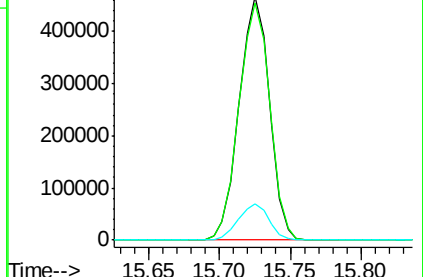
167 14.9 11.9 17.9

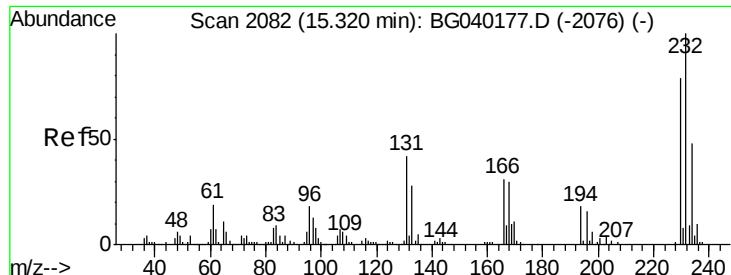


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

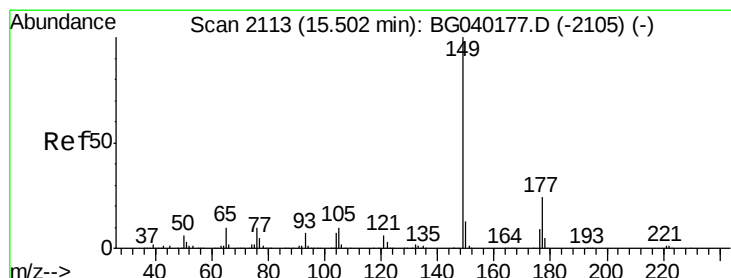
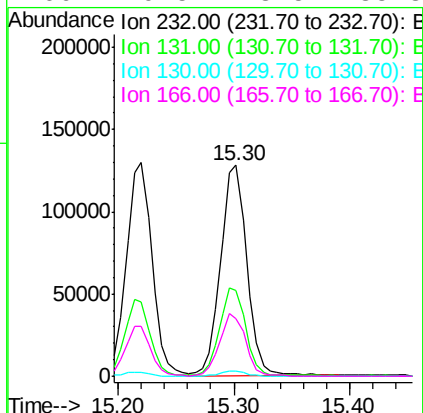
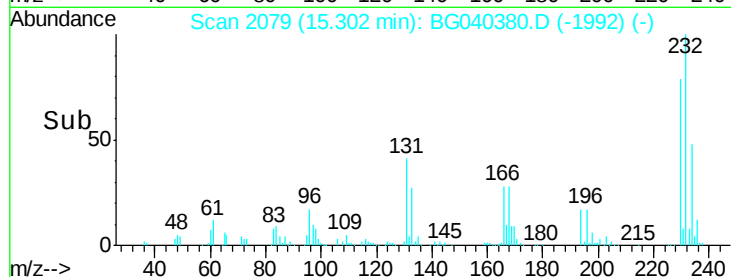
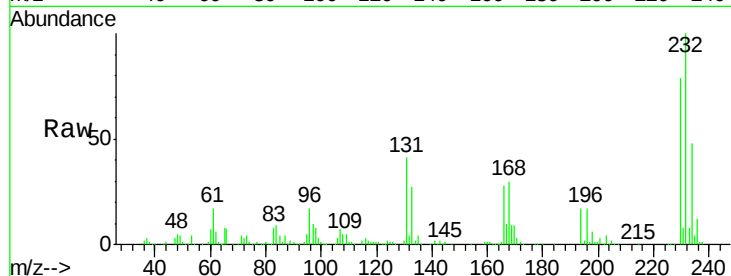




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.948 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

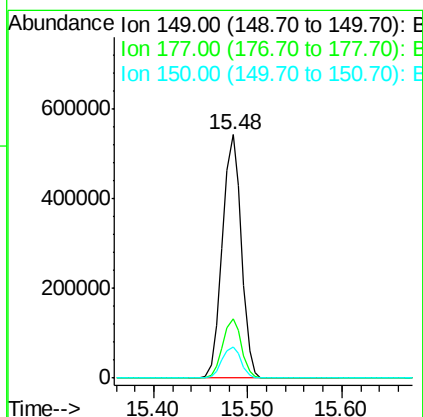
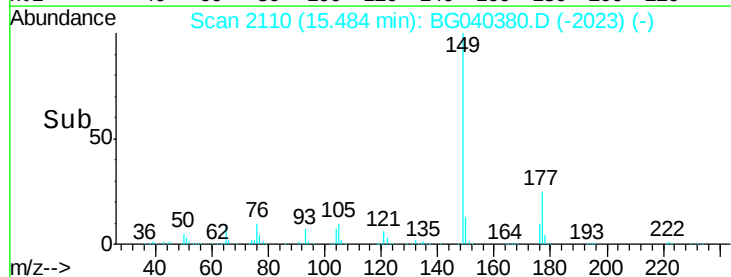
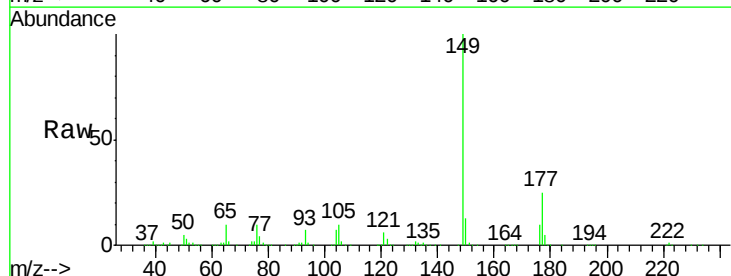
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

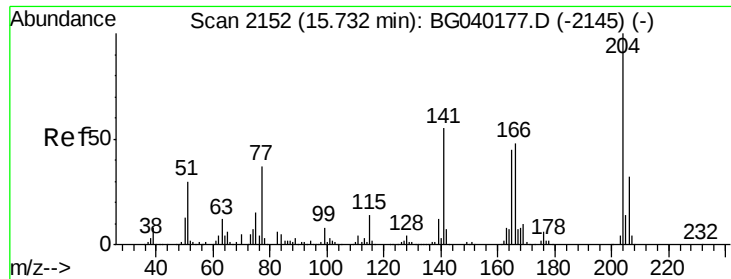
Tot Ion:232	Resp:	201974
Ion Ratio	Lower	Upper
232	100	
131	41.1	32.9 49.3
130	2.4	1.8 2.8
166	29.5	23.5 35.3



#60
 Diethylphthalate
 Concen: 41.917 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion:149	Resp:	761189
Ion Ratio	Lower	Upper
149	100	
177	24.6	19.1 28.7
150	12.5	10.6 15.8

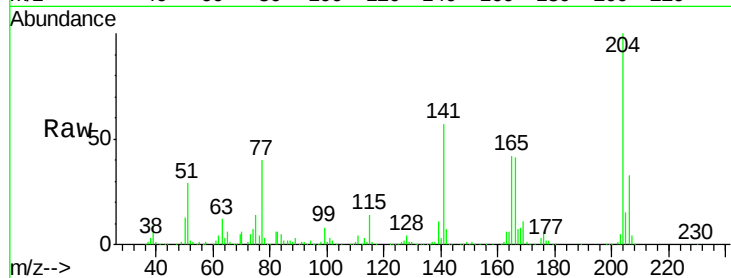




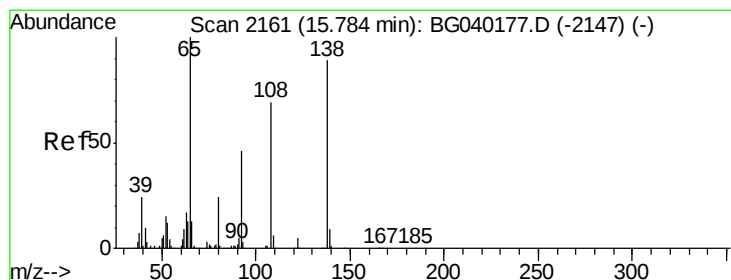
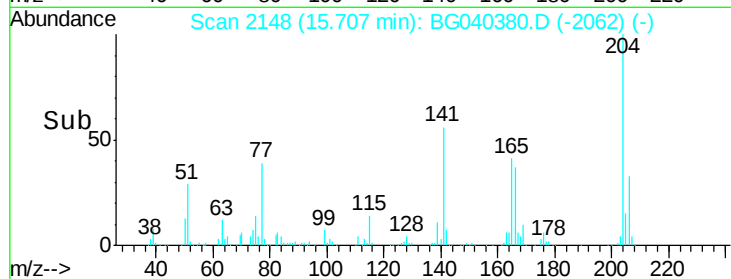
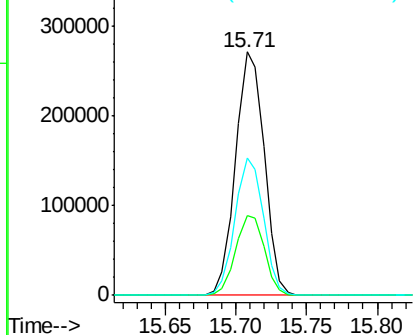
#61
 4-Chlorophenyl-phenylether
 Concen: 42.662 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion:204 Resp: 384650
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.7 38.5
 141 56.6 44.0 66.0

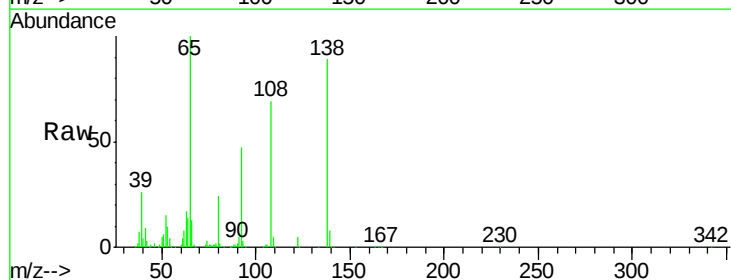


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

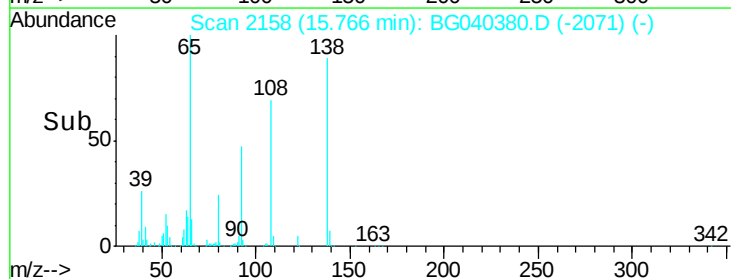
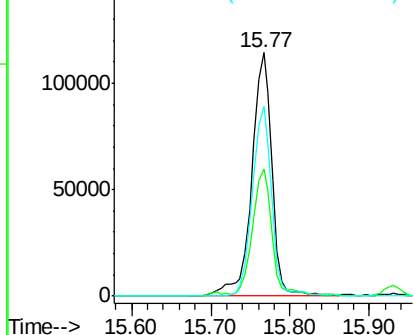


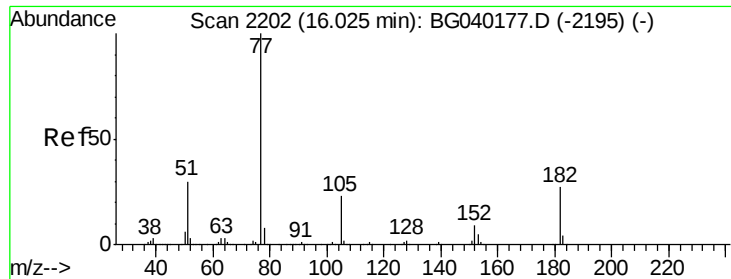
#62
 4-Nitroaniline
 Concen: 44.952 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion:138 Resp: 203475
 Ion Ratio Lower Upper
 138 100
 92 52.5 31.8 71.8
 108 78.0 57.2 97.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

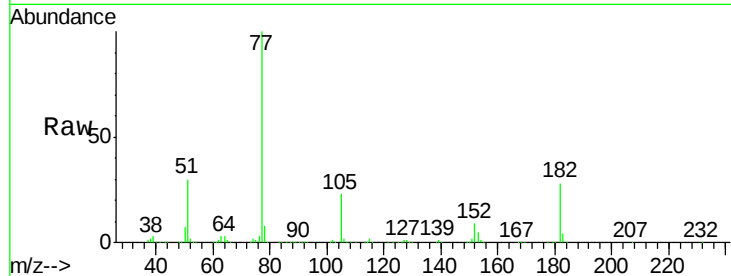




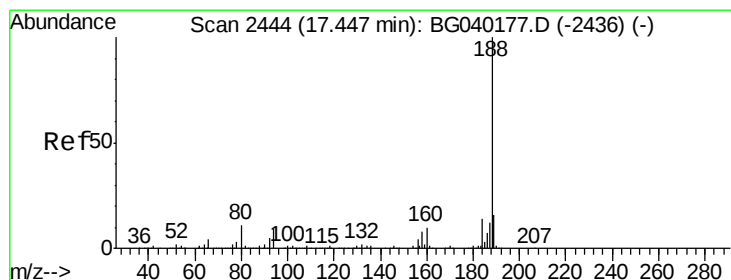
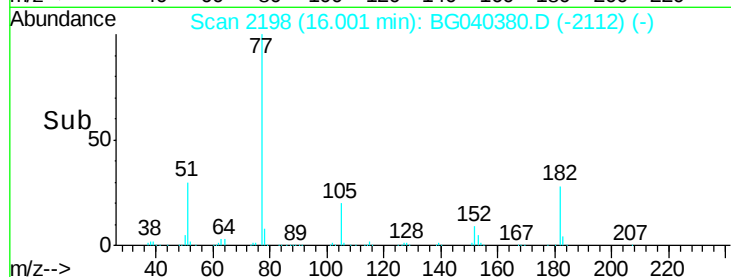
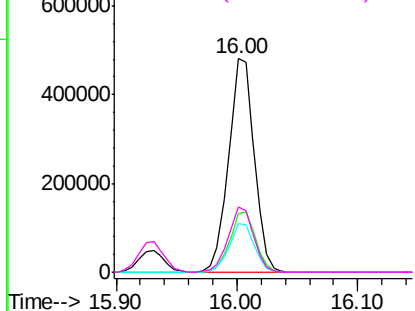
#63
Azobenzene
Concen: 41.458 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion: 77 Resp: 710131
Ion Ratio Lower Upper
77 100
182 27.8 7.2 47.2
105 22.7 2.8 42.8
51 30.4 10.4 50.4

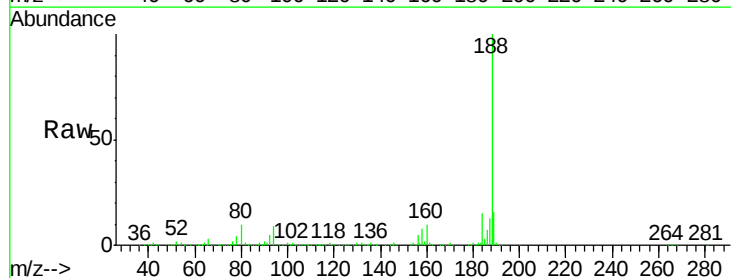


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

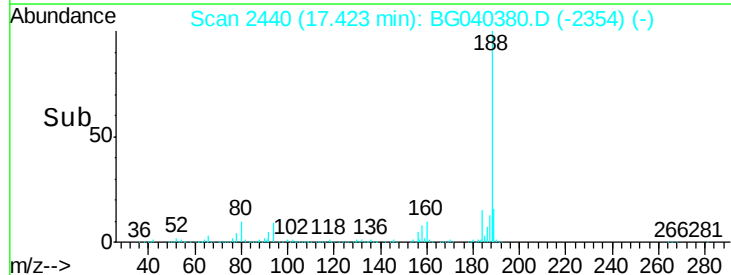
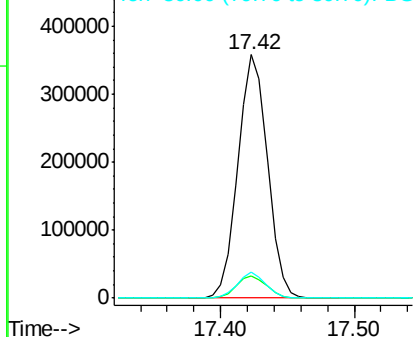


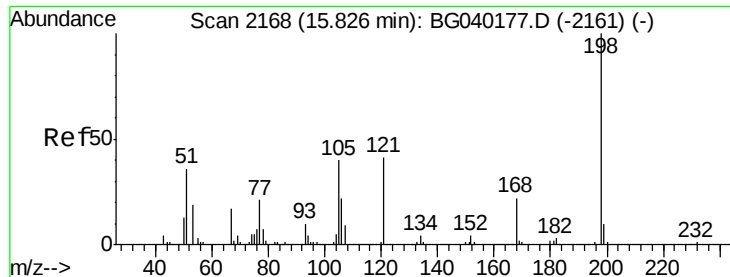
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion: 188 Resp: 548101
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

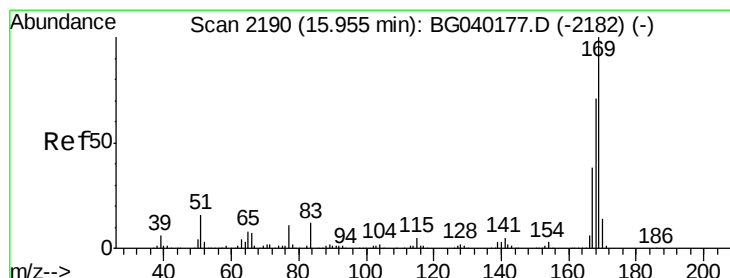
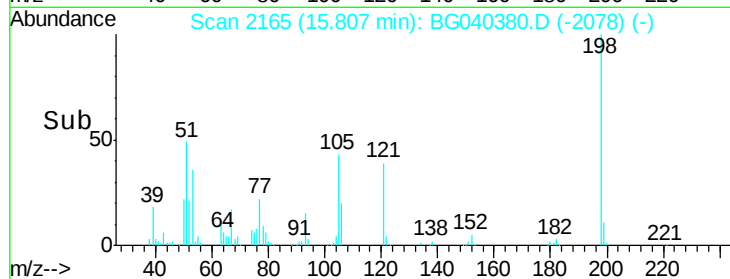
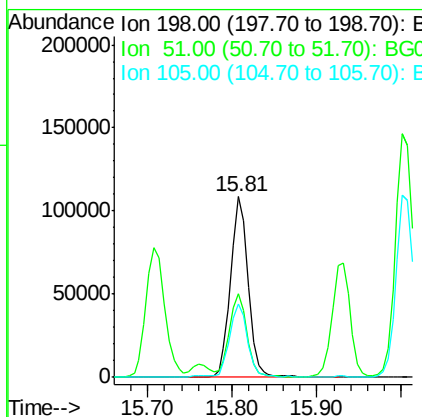
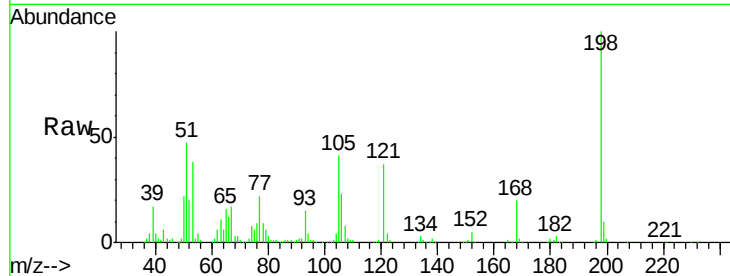




#65
4,6-Dinitro-2-methylphenol
Concen: 50.579 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

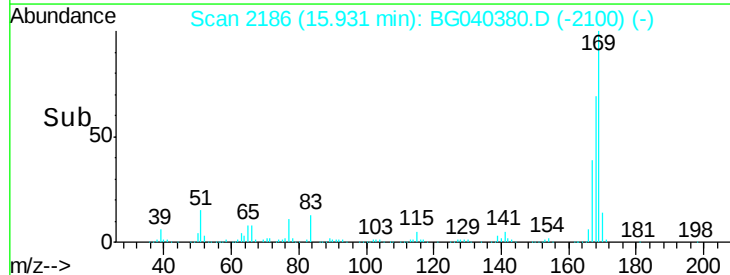
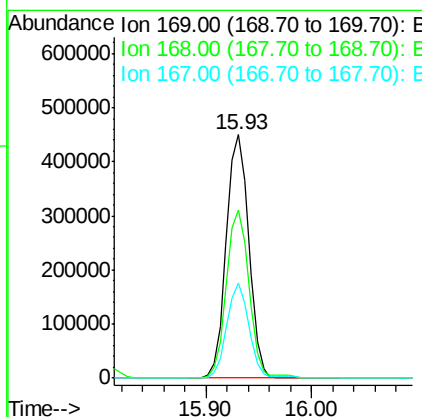
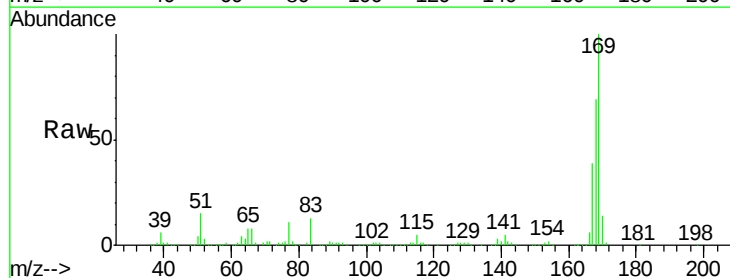
Instrument :
BNA_G
ClientSampleId :
PB118645BSD

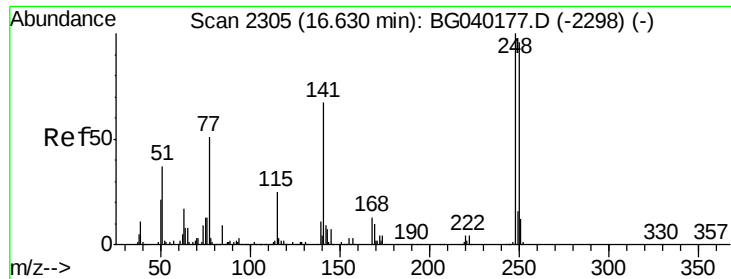
Tot Ion:198 Resp: 155749
Ion Ratio Lower Upper
198 100
51 46.6 27.3 67.3
105 40.9 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 41.258 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:169 Resp: 661733
Ion Ratio Lower Upper
169 100
168 69.2 56.8 85.2
167 38.9 30.2 45.4

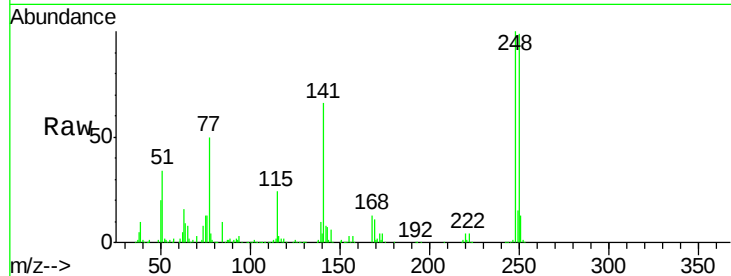




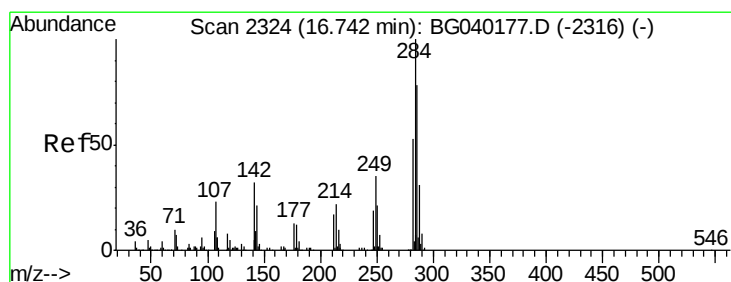
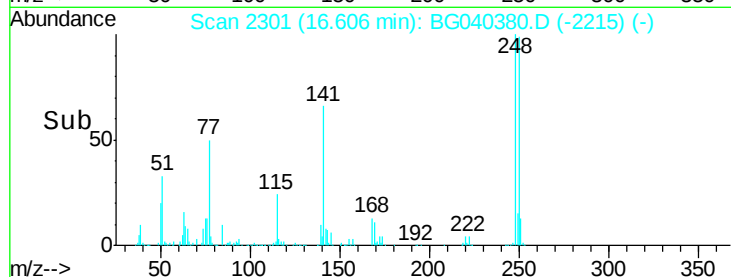
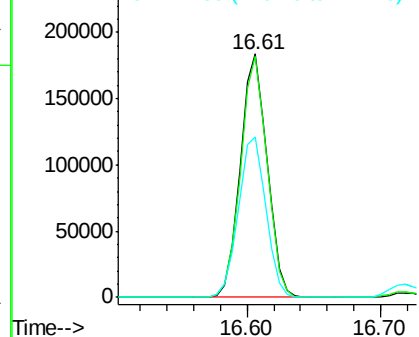
#67
 4-Bromophenyl-phenylether
 Concen: 41.383 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.4	114.6
141	65.9	53.8	80.8

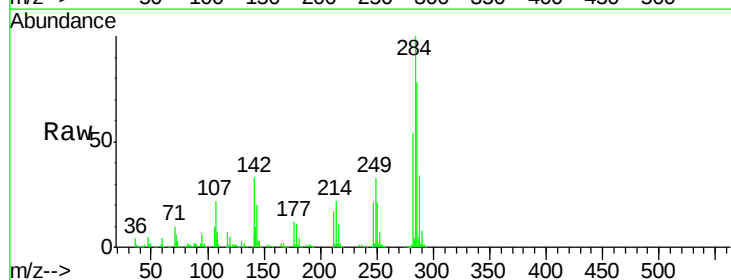


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

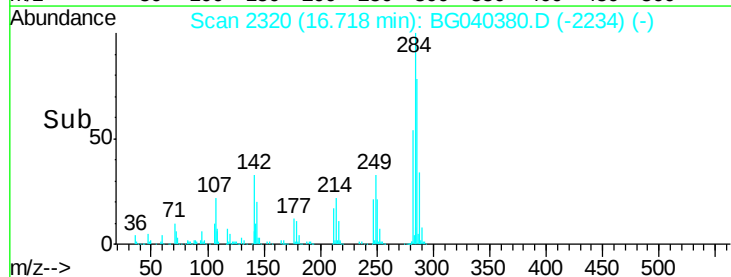
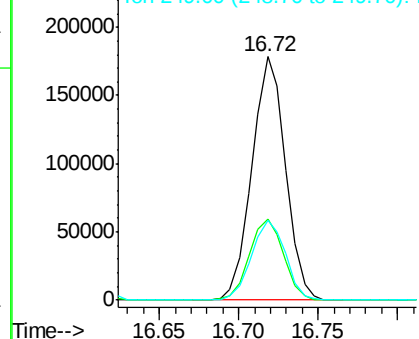


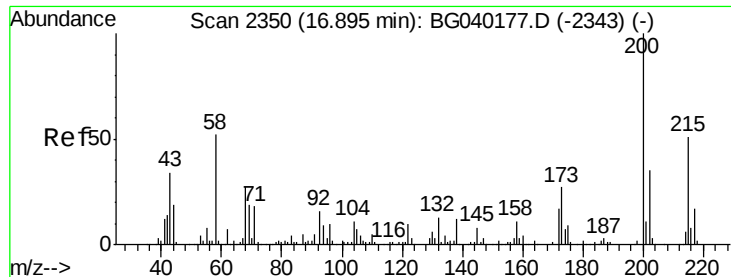
#68
 Hexachlorobenzene
 Concen: 42.251 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.3	37.9
249	32.6	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.484 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

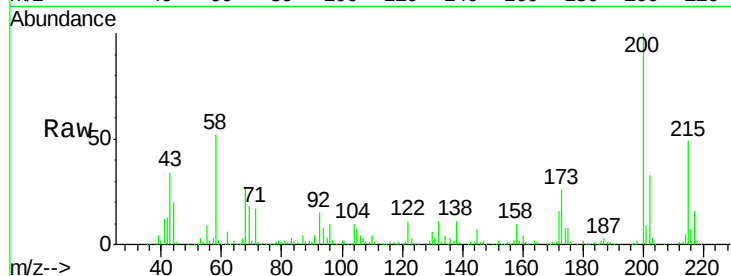
Tot Ion:200 Resp: 211712

Ion Ratio Lower Upper

200 100

173 26.3 7.1 47.1

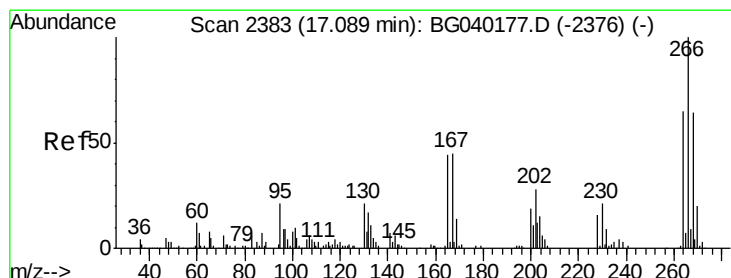
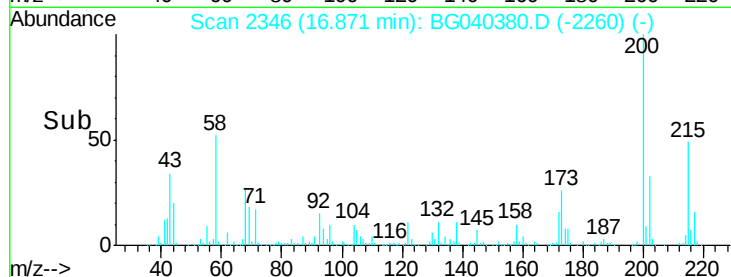
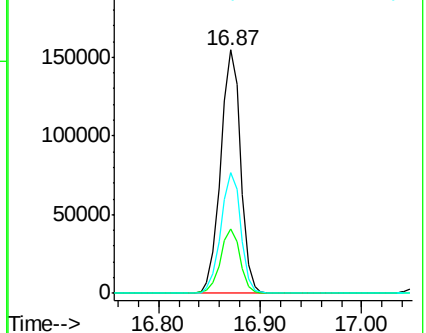
215 49.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.244 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

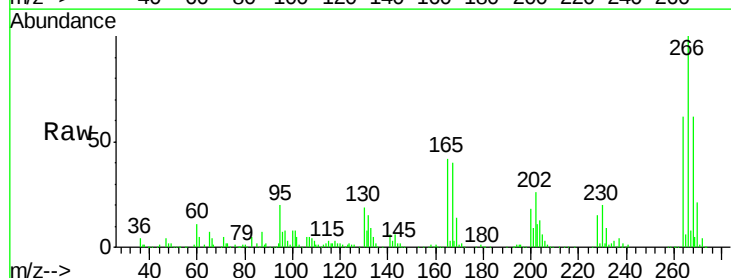
Tgt Ion:266 Resp: 287710

Ion Ratio Lower Upper

266 100

268 62.2 55.0 82.4

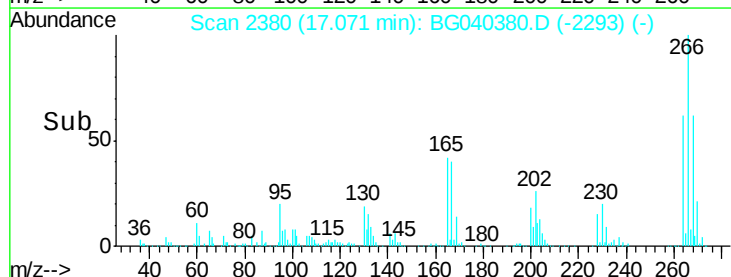
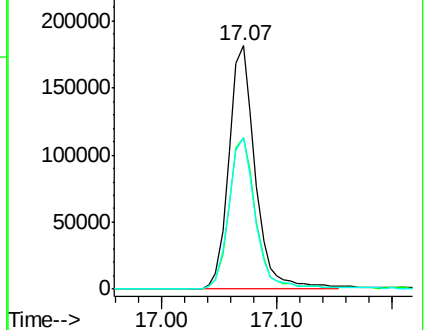
264 62.1 51.8 77.8

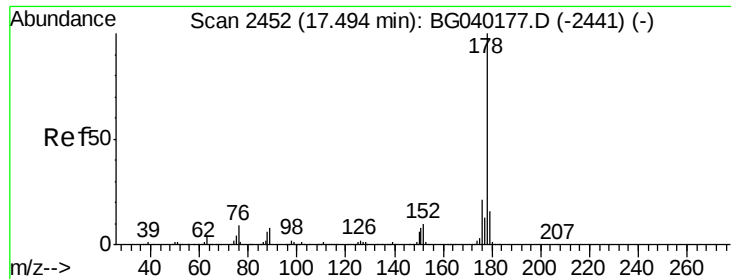


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.254 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

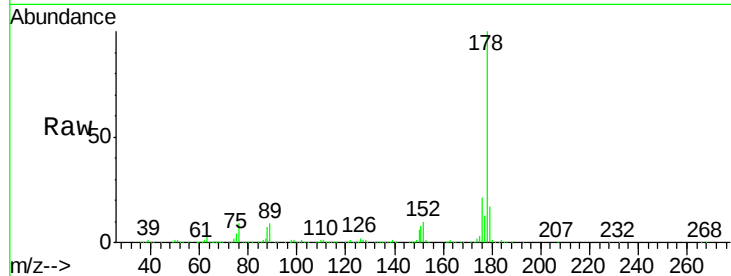
Tot Ion:178 Resp: 1188479

Ion Ratio Lower Upper

178 100

176 21.3 16.7 25.1

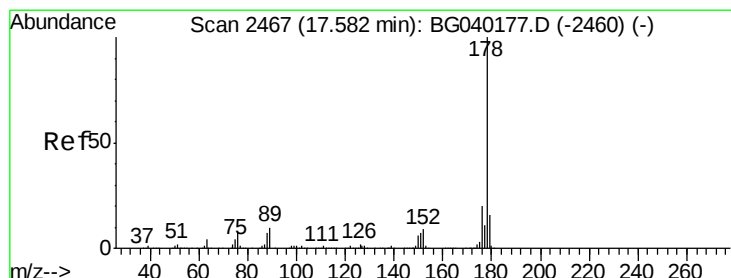
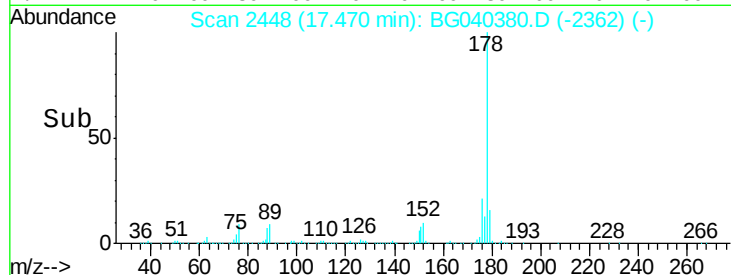
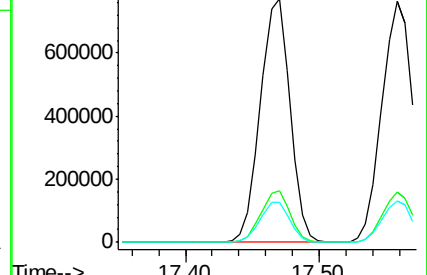
179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.032 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

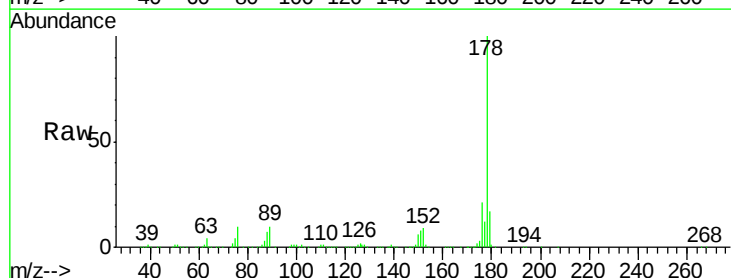
Tgt Ion:178 Resp: 1212018

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

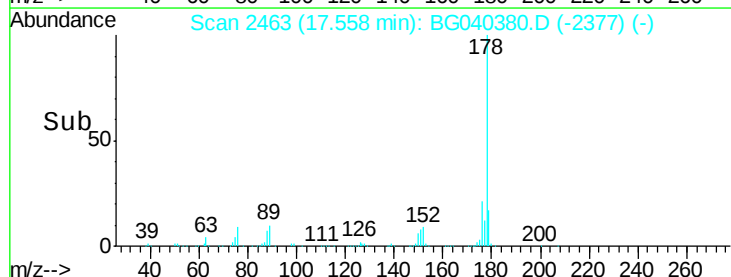
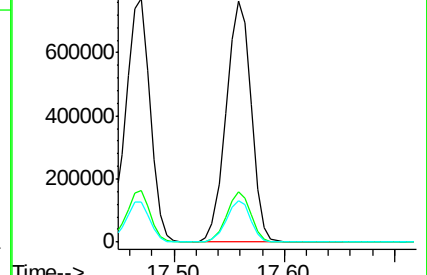
179 17.3 12.9 19.3

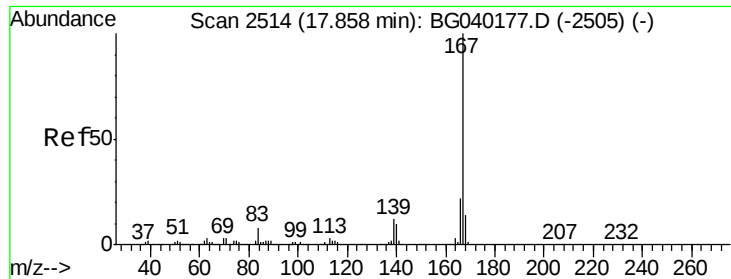


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



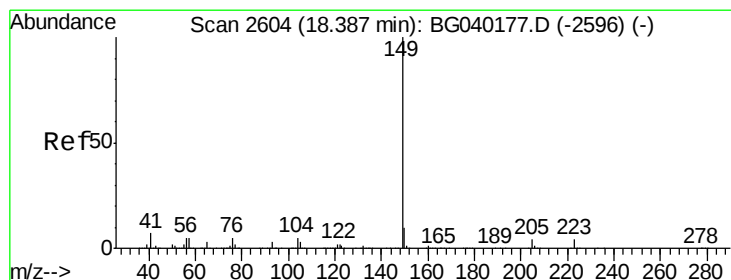
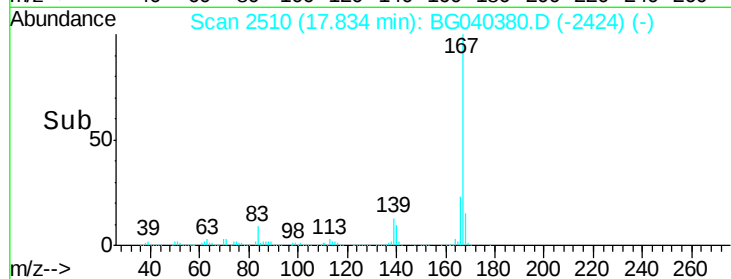
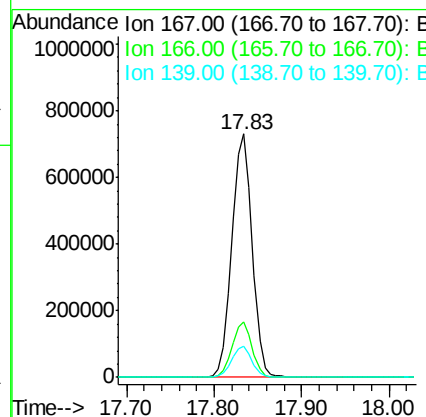
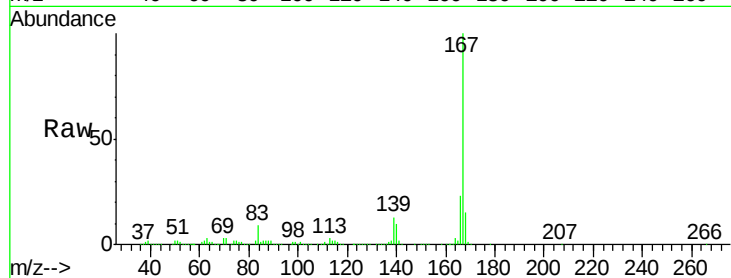


#73
 Carbazole
 Concen: 42.764 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion:167 Resp: 1167026

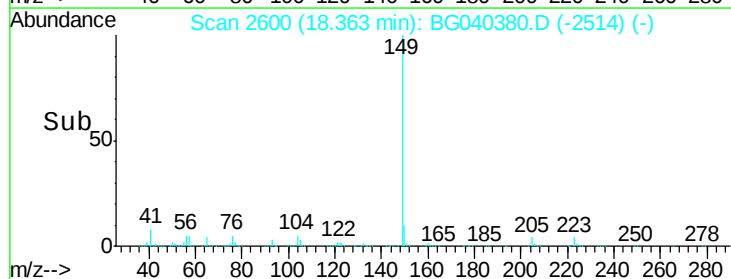
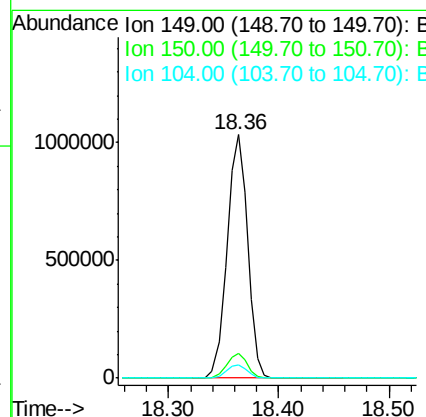
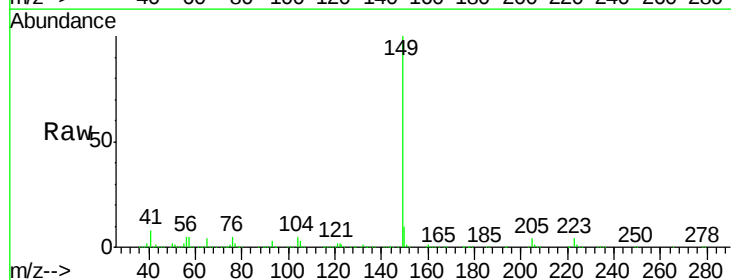
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	12.7	10.0	15.0

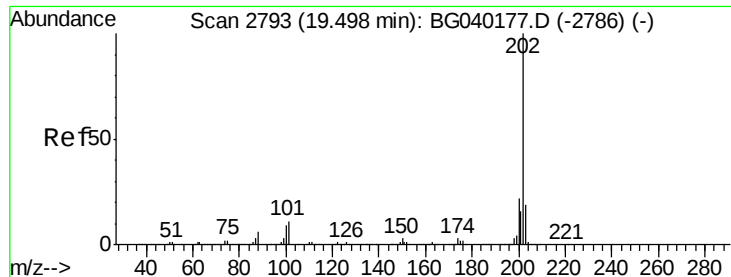


#74
 Di-n-butylphthalate
 Concen: 41.526 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion:149 Resp: 1343285

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.9	11.9
104	5.5	4.1	6.1





#75

Fluoranthene

Concen: 44.023 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

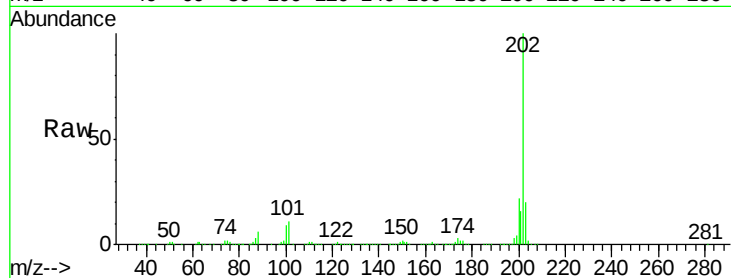
Tot Ion:202 Resp: 1501790

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

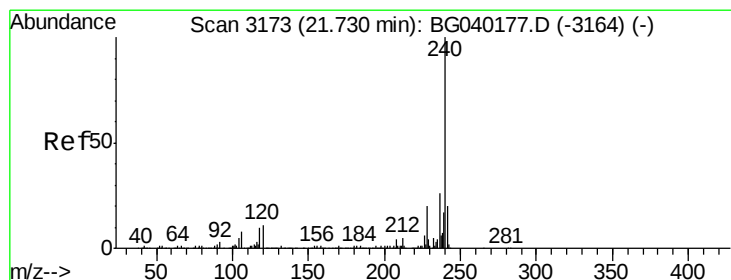
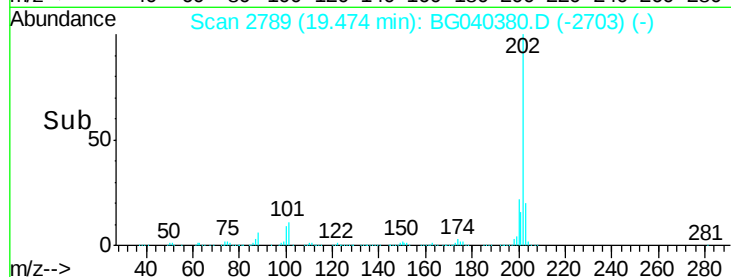
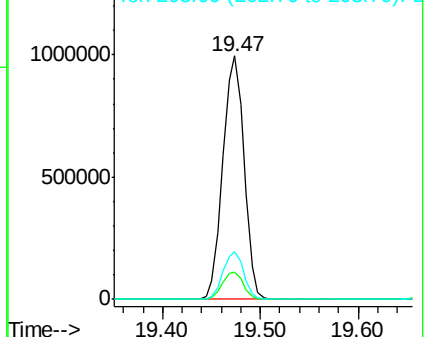
203 19.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

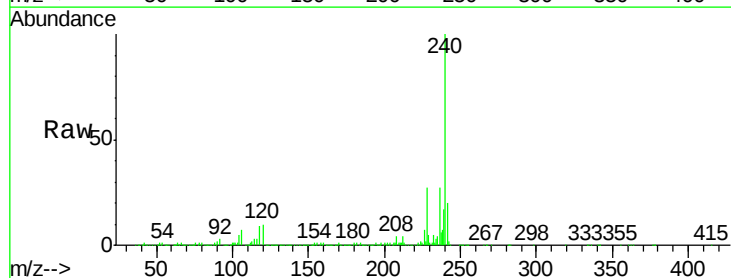
Tgt Ion:240 Resp: 598787

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

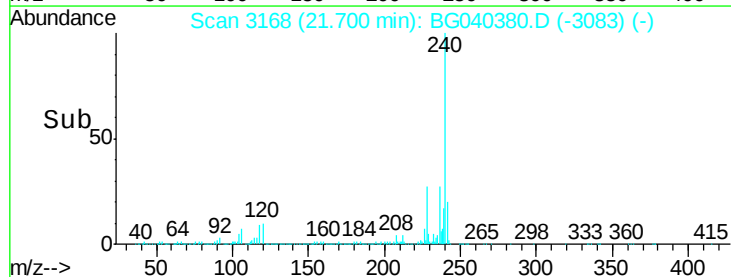
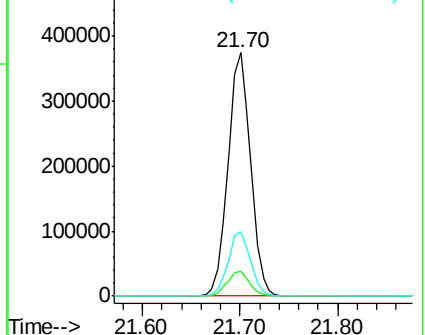
236 26.7 20.8 31.2

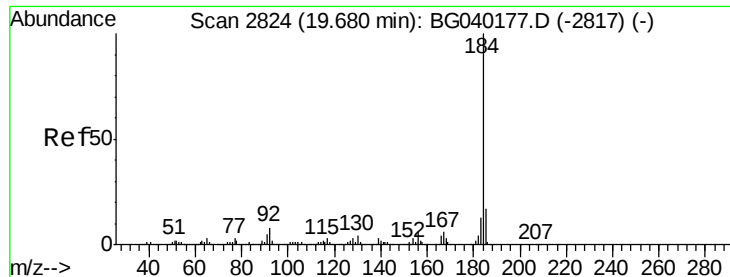


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.513 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

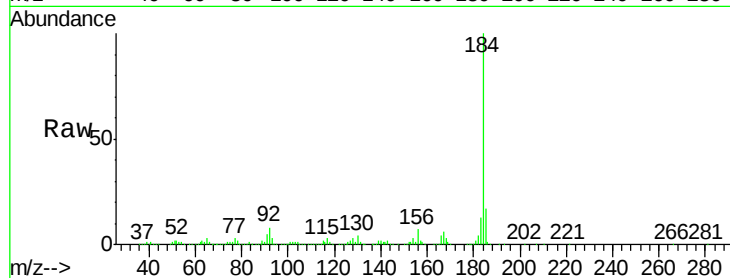
Tot Ion:184 Resp: 919259

Ion Ratio Lower Upper

184 100

185 16.8 13.3 19.9

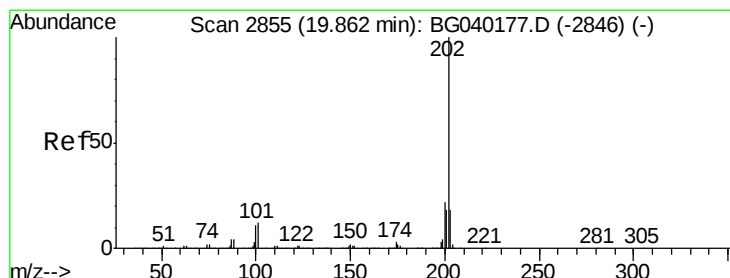
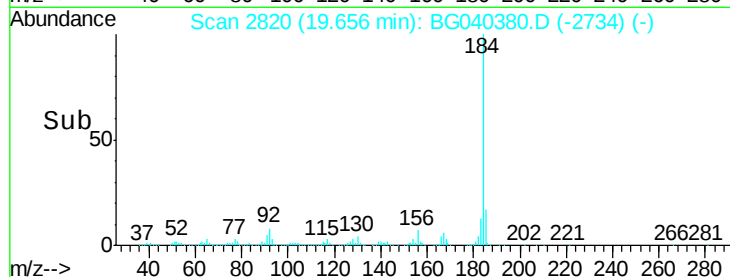
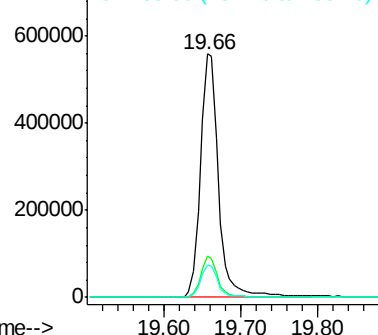
183 13.4 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.827 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

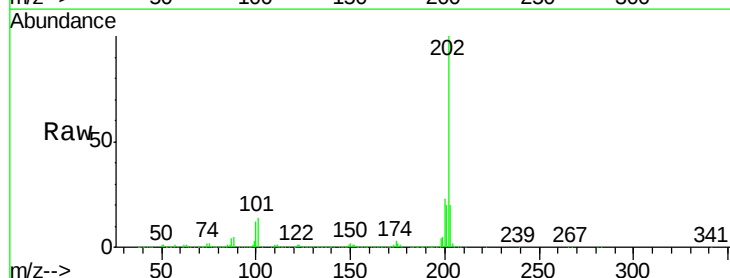
Tgt Ion:202 Resp: 1489505

Ion Ratio Lower Upper

202 100

200 23.4 17.3 25.9

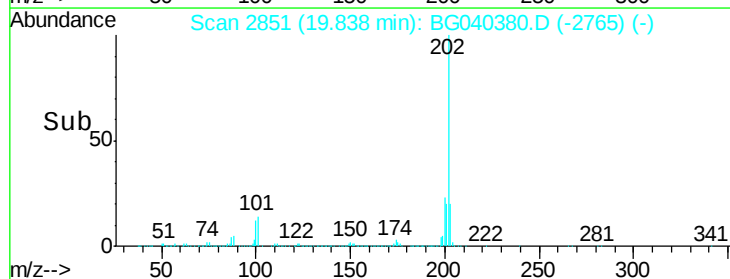
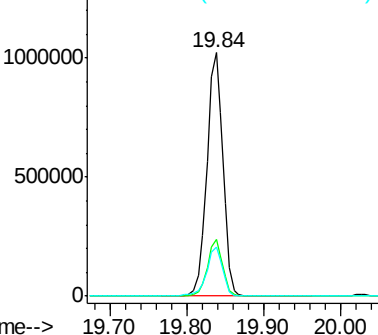
203 20.0 14.6 22.0

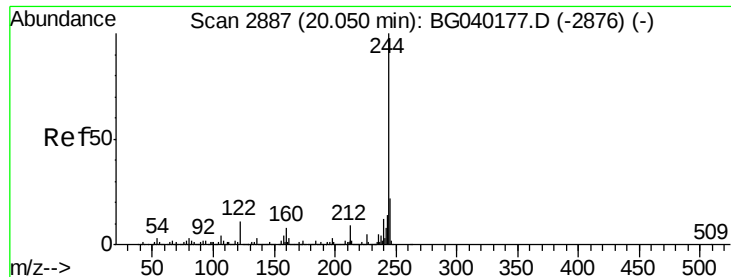


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.408 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

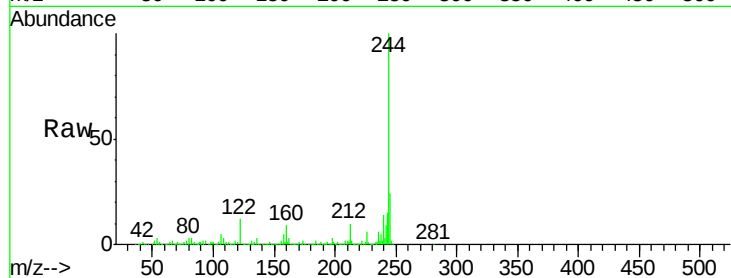
Tot Ion:244 Resp: 1980498

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.0	10.6
122	12.1	8.5	12.7

244 100

212 10.0 7.0 10.6

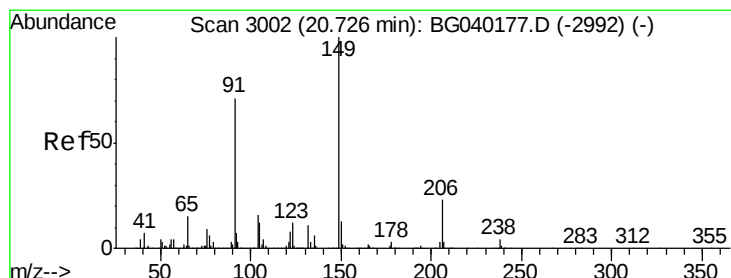
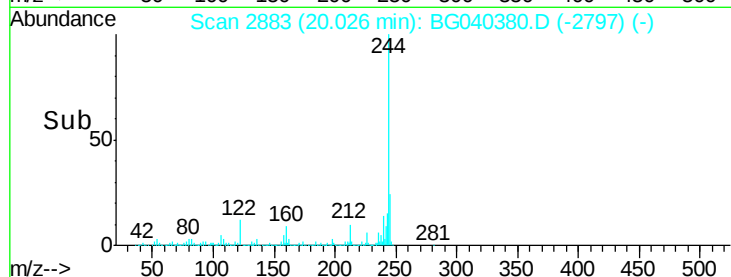
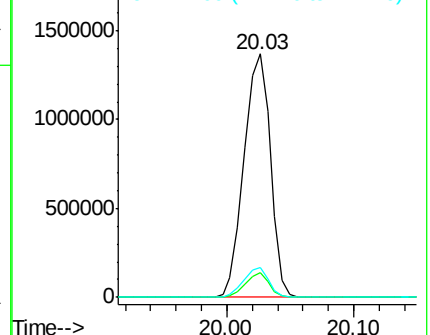
122 12.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.130 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

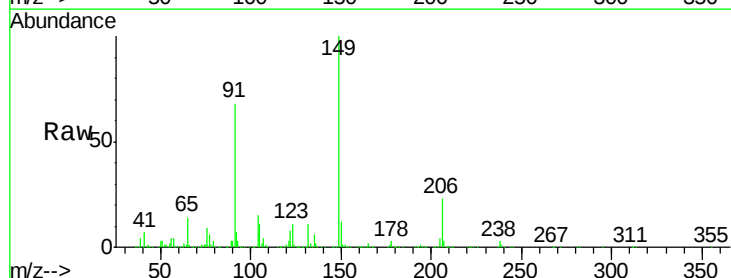
Tgt Ion:149 Resp: 693041

Ion	Ratio	Lower	Upper
149	100		
91	68.4	57.0	85.4
206	23.3	18.2	27.4

149 100

91 68.4 57.0 85.4

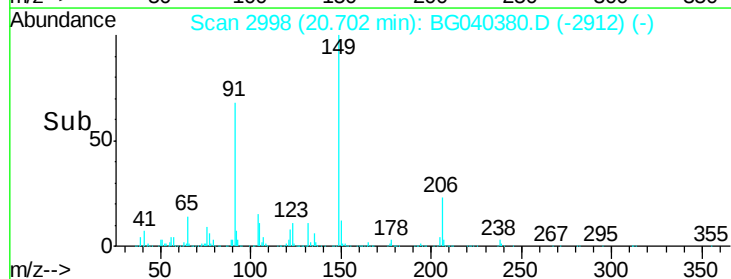
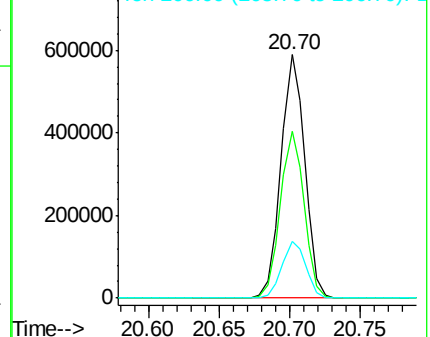
206 23.3 18.2 27.4

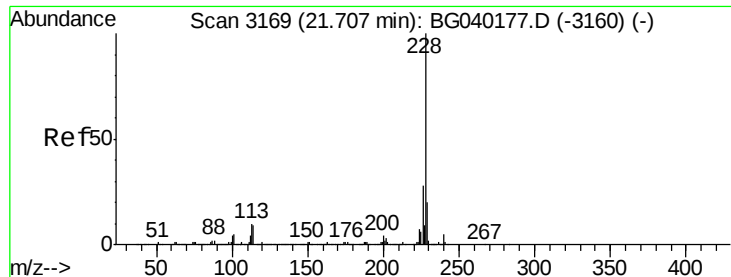


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.620 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

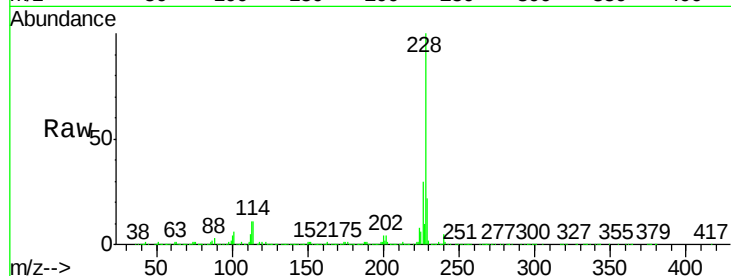
Tot Ion:228 Resp: 1498142

Ion Ratio Lower Upper

228 100

226 30.3 22.6 34.0

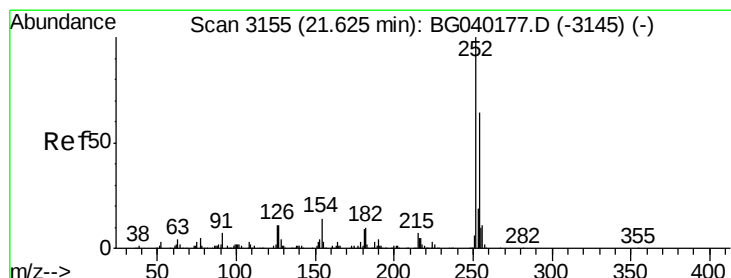
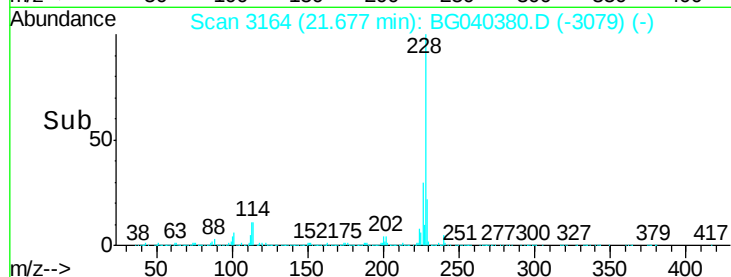
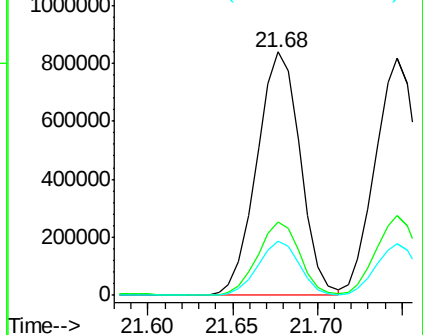
229 22.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.311 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

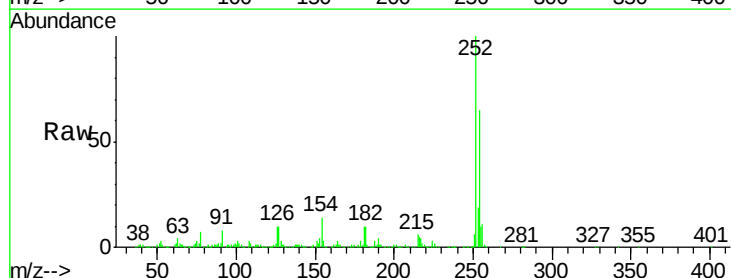
Tgt Ion:252 Resp: 579596

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

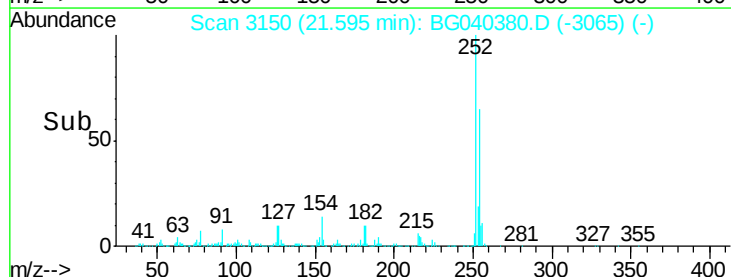
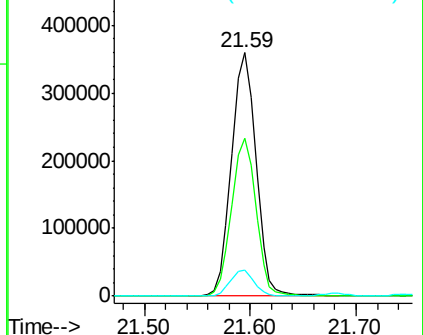
126 10.5 8.5 12.7

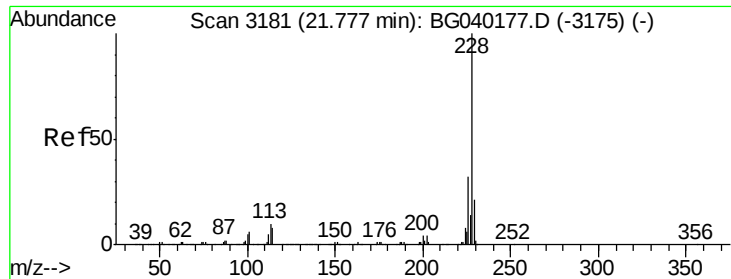


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.862 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

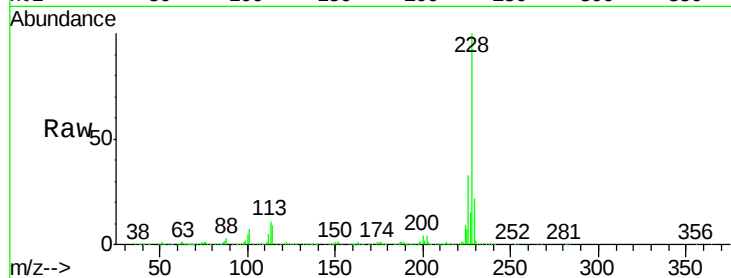
Tot Ion:228 Resp: 1412952

Ion Ratio Lower Upper

228 100

226 33.5 25.4 38.0

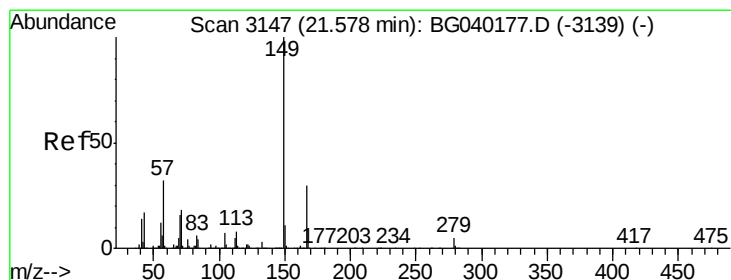
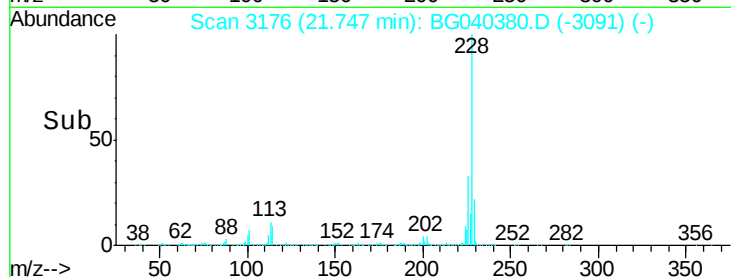
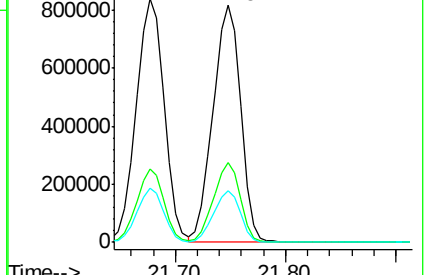
229 21.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.386 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

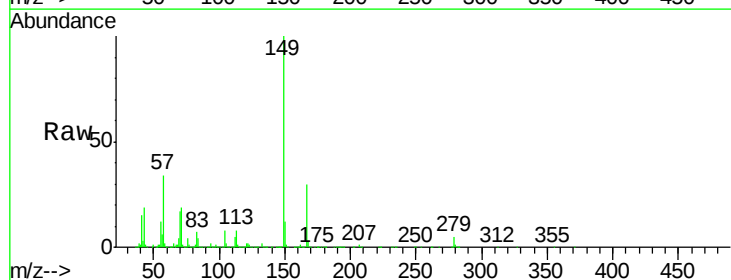
Tgt Ion:149 Resp: 972751

Ion Ratio Lower Upper

149 100

167 30.4 24.1 36.1

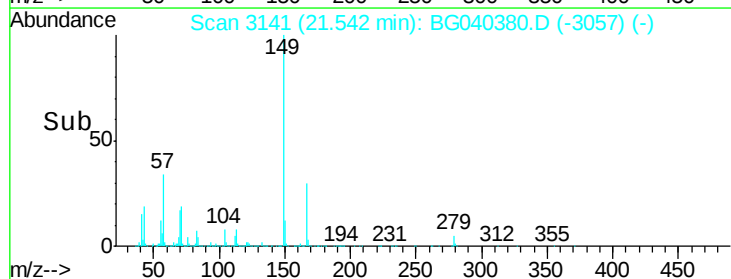
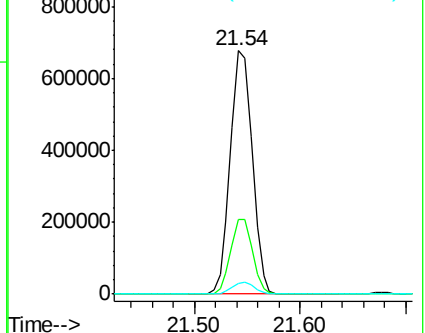
279 4.6 4.1 6.1

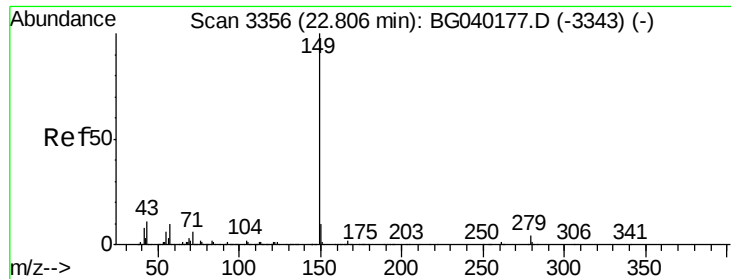


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.278 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

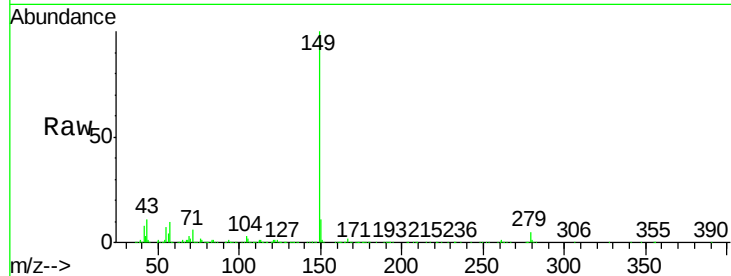
Tot Ion:149 Resp: 1693944

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

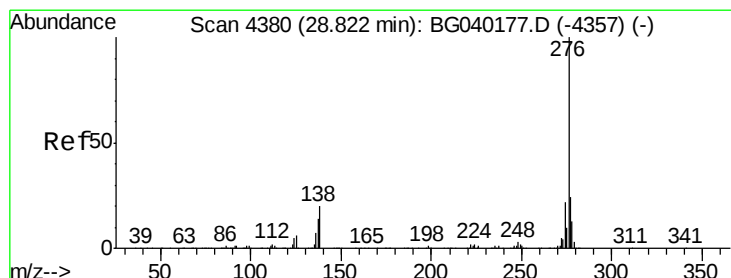
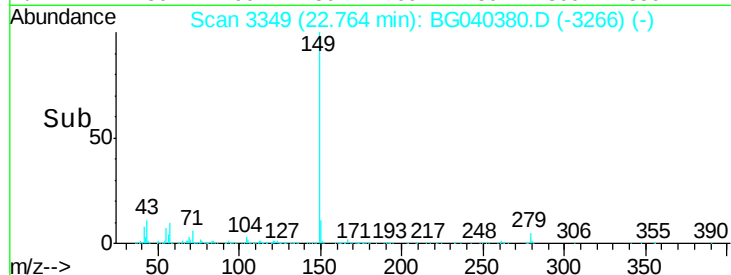
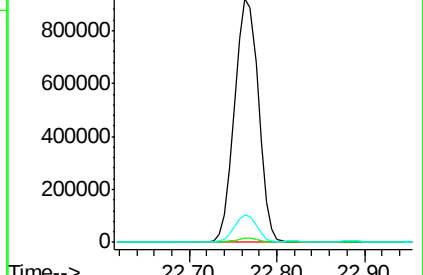
43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.240 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.08 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

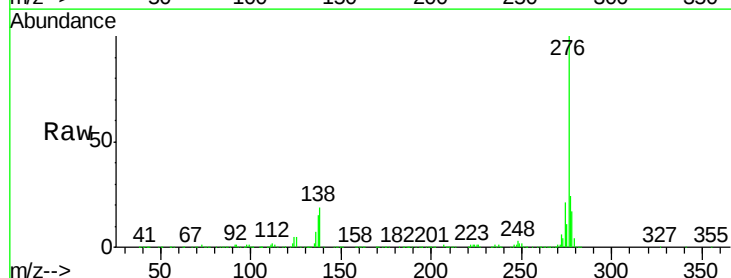
Tgt Ion:276 Resp: 1831220

Ion Ratio Lower Upper

276 100

138 15.3 18.8 28.2#

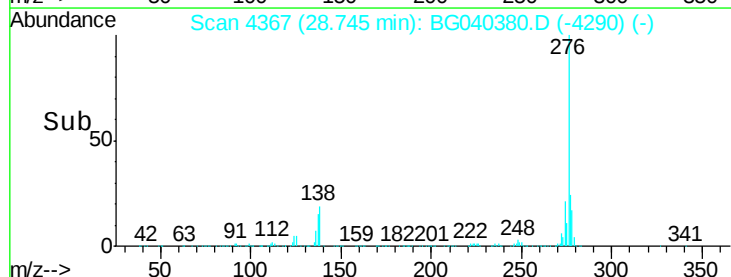
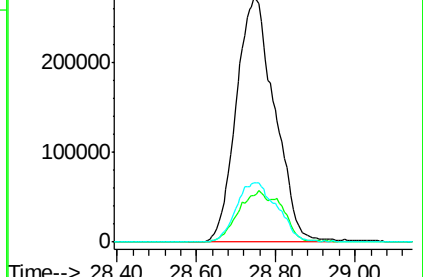
277 25.9 21.0 31.4

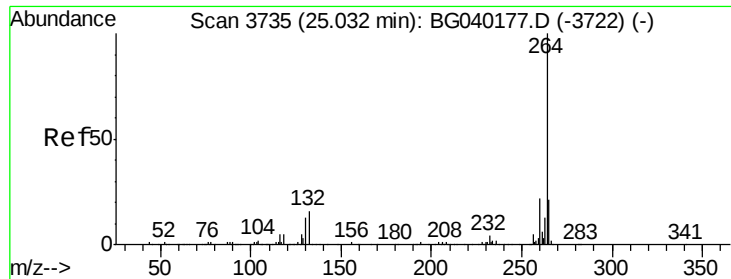


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

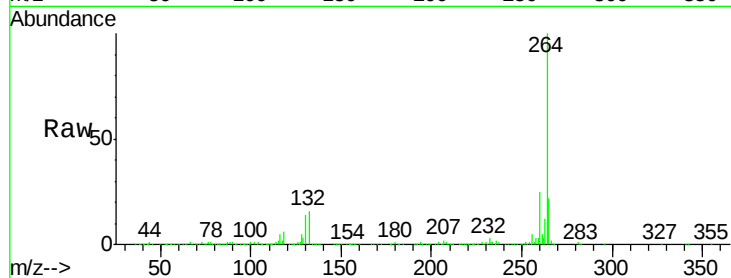
Tot Ion:264 Resp: 580402

Ion Ratio Lower Upper

264 100

260 24.6 17.9 26.9

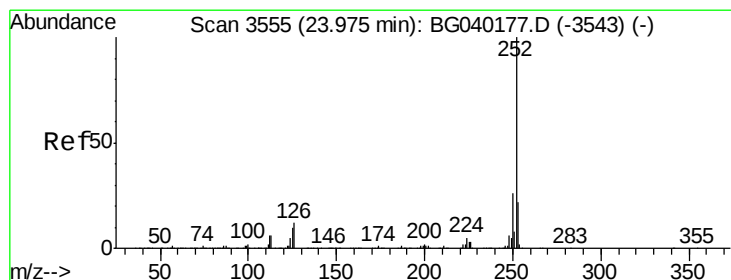
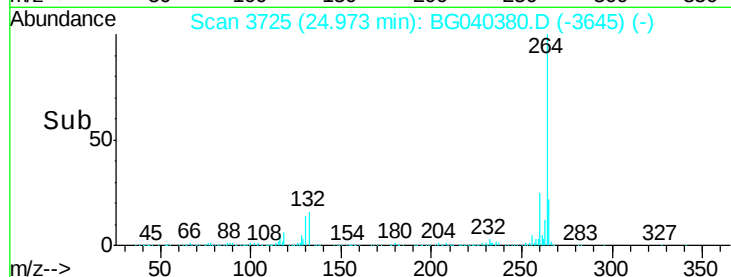
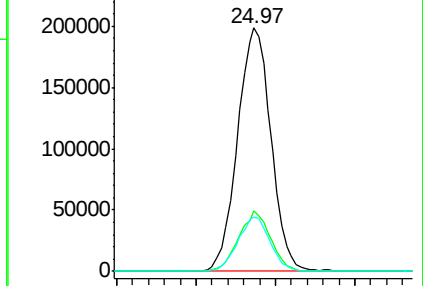
265 22.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.226 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

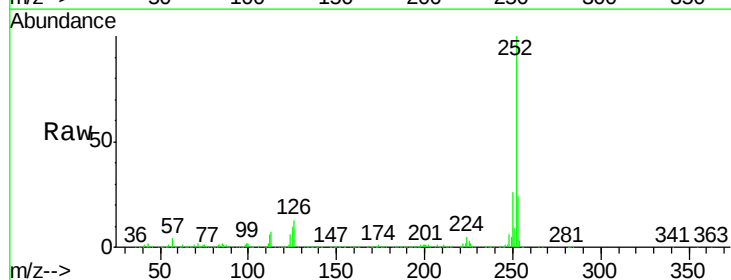
Tgt Ion:252 Resp: 1571546

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

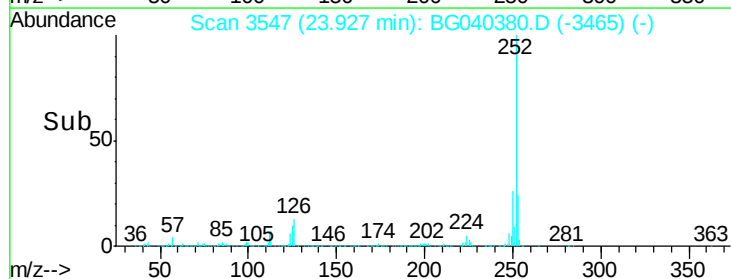
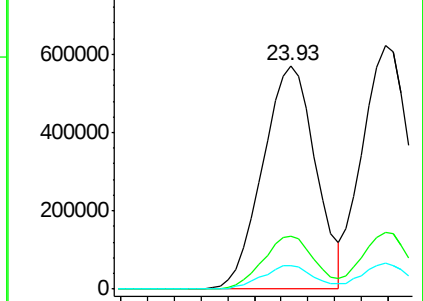
125 10.5 8.2 12.4

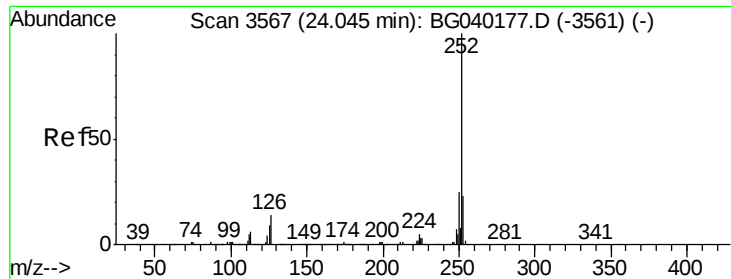


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.261 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

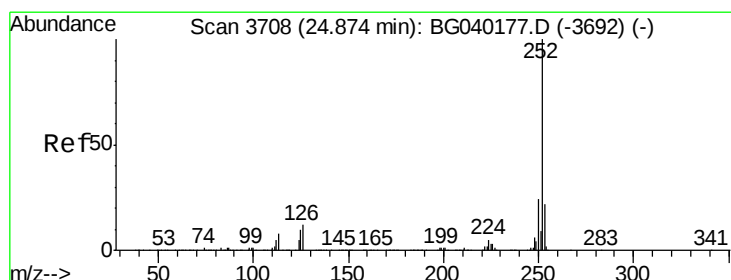
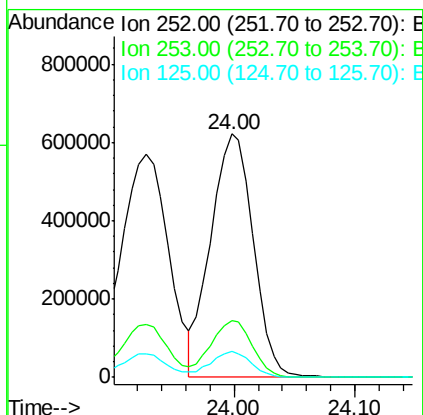
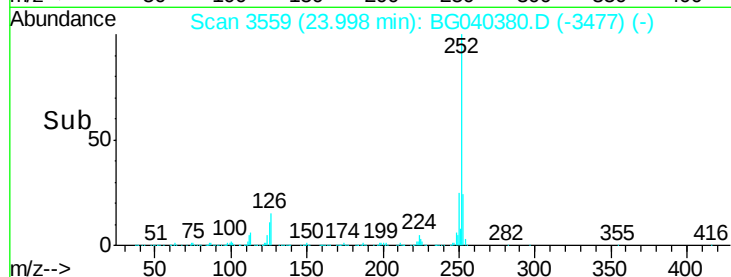
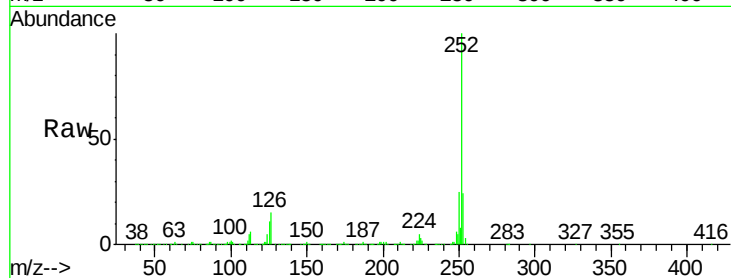
Tot Ion:252 Resp: 1511720

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

125 10.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 46.764 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.05 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

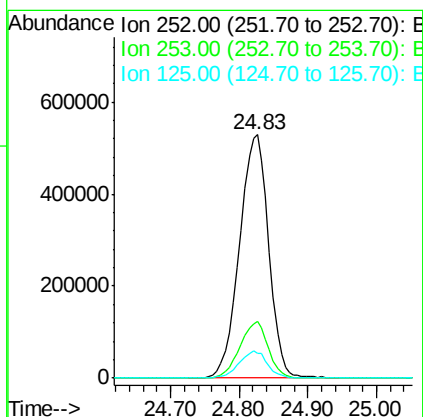
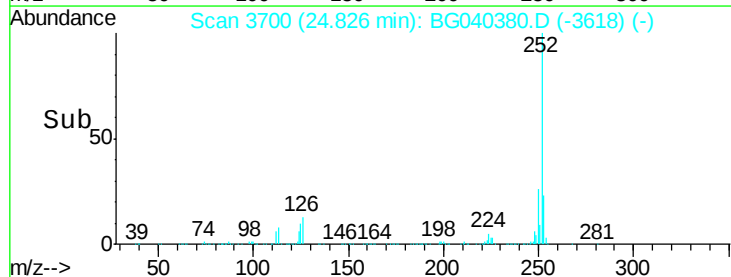
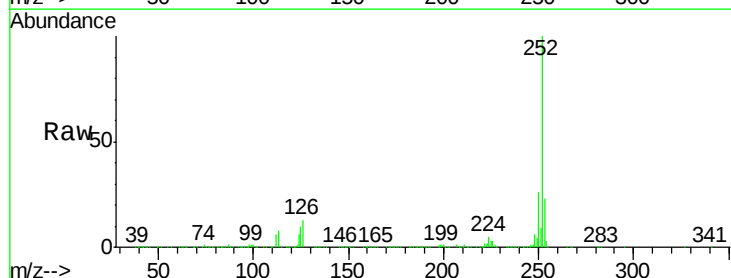
Tgt Ion:252 Resp: 1559140

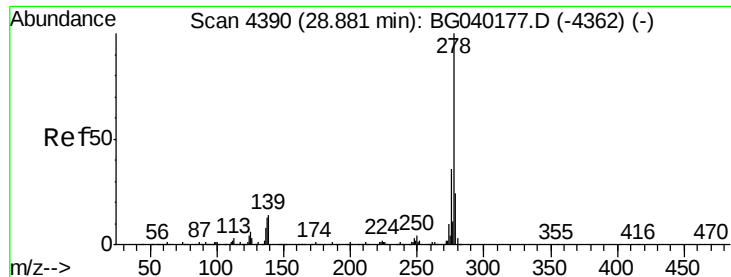
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 48.139 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.08 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

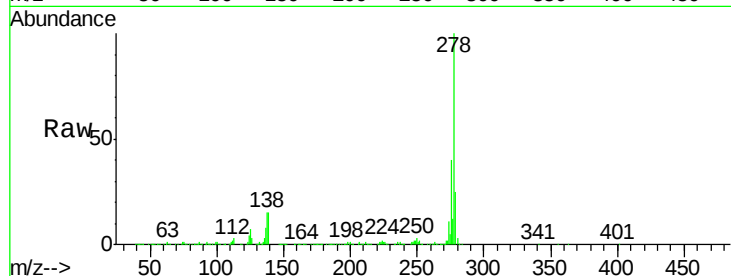
Tot Ion:278 Resp: 1490641

Ion Ratio Lower Upper

278 100

139 14.9 11.2 16.8

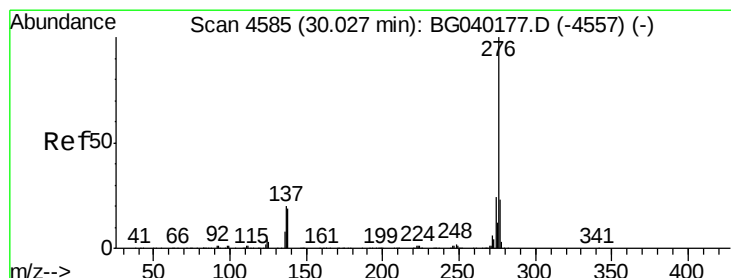
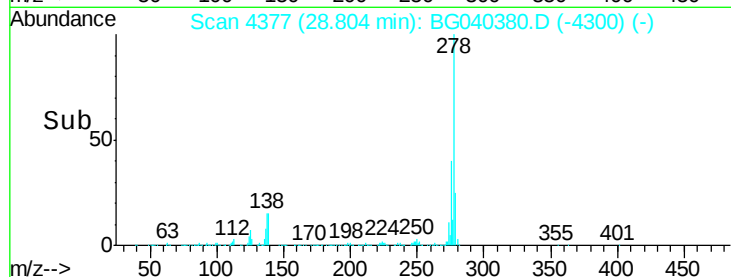
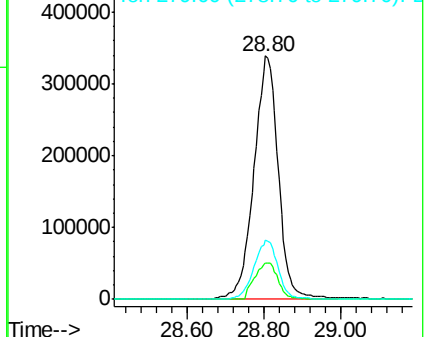
279 24.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.369 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

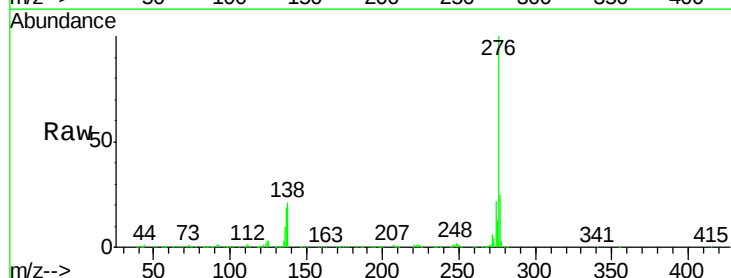
Tgt Ion:276 Resp: 1539246

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 21.1 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

